

# In Stealth Mode: Stalking and Intimate Partner Violence in the Digital Age

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# Objectives

- Increased knowledge of the technology that is being misused;
- Gain understanding of how to best advocate for victims of tech misuse and stalking; and
- Develop an ability to consider creative ways to combat tech misuse and increase safety on campuses using Title IX and other relevant legal remedies.



# About KCSDV

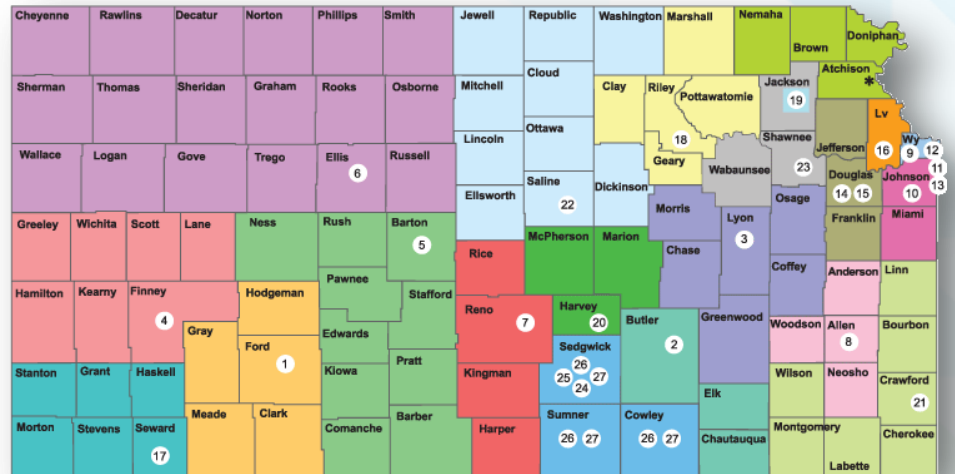
- Statewide network working to prevent and eliminate sexual assault (SA), domestic violence (DV), dating violence and stalking in Kansas.
- 27 member agencies that provide direct services to survivors (victims) of DV, SA, and stalking in all 105 Kansas counties.

# KCSDV Projects

- Advocacy
- Children & Youth
- Criminal Justice
- Education and Training
- Immigration
- Legal Advocacy
- Outreach Advocacy
- PREA (Prison Rape Elimination Act)
- Protection Orders
- Sexual Assault Nurse Examiner & Sexual Assault Response Team
- Rural and Underserved Communities

# KCSDV Member Program Services

- Crisis intervention
- Support groups
- Hotline services
- Personal advocacy
- Shelter
- Resource and referral



***All services are free and confidential.***

# Why is Technology Important?



# Commonly Misused Technologies



Instagram



# A Glimpse From the Field

## Monitoring via Technology

Type of Technology Misused by Offenders	Percentage of Programs Reported
<b>Social media accounts</b>	<b>79%</b>
<b>Text messaging</b>	<b>74%</b>
<b>Computer</b>	<b>71%</b>
Email	66%
Online accounts (phone, bank, etc).	57%
Apps on cell phone	54%
Cell phone features (not apps)	39%
Tablets	39%
GPS tracking	37%
Gathering online data about victim	36%
Phone (not cell phone)	31%
Assistive technology	10%

# A Glimpse From the Field

## Harassment via Technology

Type of Technology Misused by Offenders	Percentage of Programs Reported
<b>Text messaging</b>	96%
<b>Social media accounts</b>	86%
<b>Email</b>	78%
Phone (not cell phone)	59%
Posting abusive content online	55%
Cell phone feature (not apps)	37%
Tablets	37%
Apps on cell phone	34%
Online accounts (phone, bank, etc.)	26%
GPS tracking	14%
Assistive technology	6%

## How prevalent is stalking in this community?

- According to the KBI stats from 2017, there were **725** Protection from Abuse Orders filed in Johnson County
  - There were **473** Protection from Stalking Orders filed
- In Johnson County (2016), there were also **44** documented cases of violation of protection orders.

## What other crimes might be part of a stalking case?

- Property damage;
- Burglary/theft;
- Nonconsensual intimate image sharing;
- Identify theft; and/or
- Physical/sexual assault.

## How often do you think stalkers use technology? What are you seeing with victims you work with?

- Research indicates that at least 1 in 4 victims report that the offender used some form of technology.

# Stalking on College Campuses

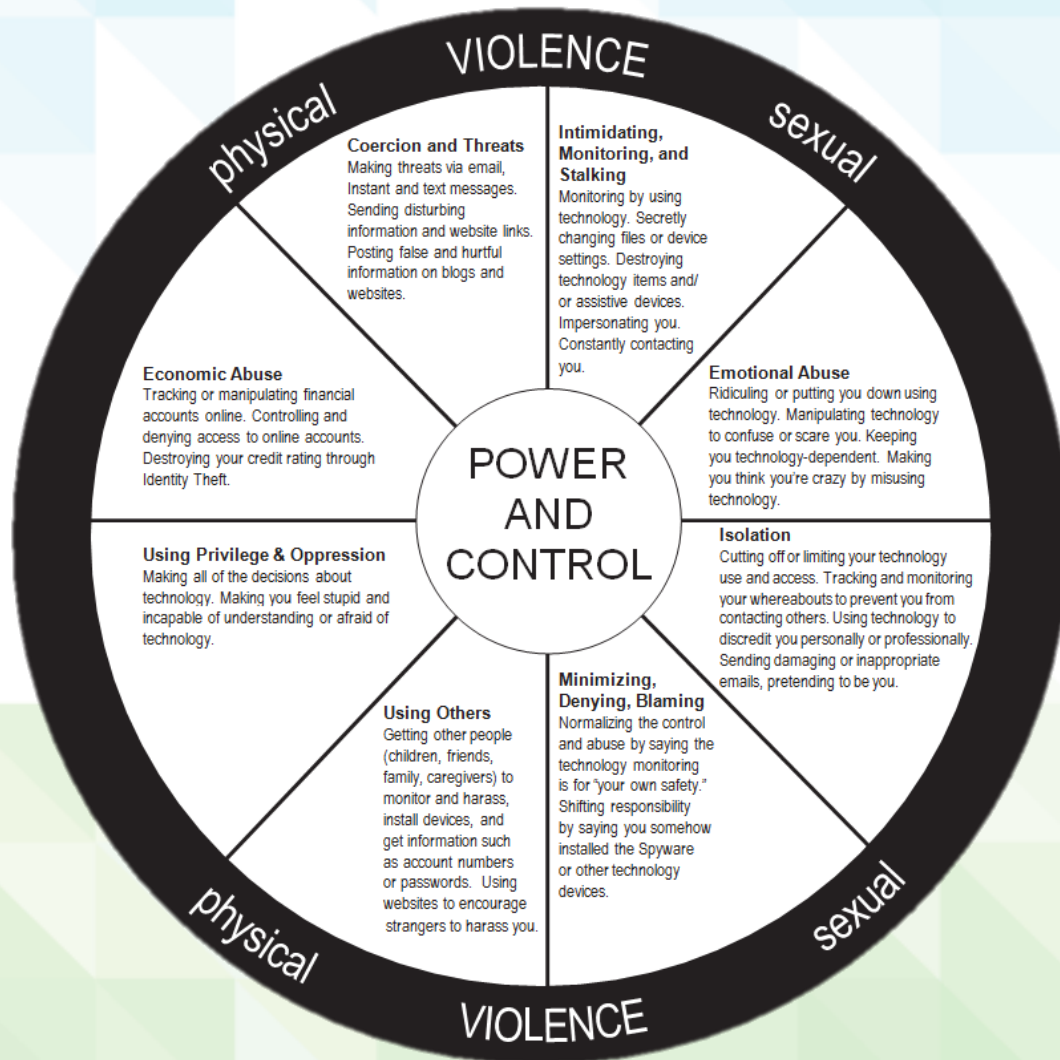
- Current research shows that stalking and technology-facilitated stalking are significantly more common among college students than the general public
  - 70-75% of college stalking victims do not contact law enforcement
- Defined as: **engaging in a course of conduct** (2 or more acts, including but not limited to, acts in which the stalker directly, indirectly, or through third parties, by any action, method, device, or means, follows, monitors, observes, surveils, threatens, or communicates to or about a person, or interferes with a person's property) **directed at a specific person that would cause a reasonable person** (means a reasonable person under similar circumstances and with similar identities to the victim) **to**
  - **Fear for his or her safety or the safety of others; or**
  - **Suffer substantial emotional distress** (means significant mental suffering or anguish that may, but does not necessarily require medical or other professional treatment or counseling)

# Title IX and Stalking

- The Clery Act requires institutions to do a multitude of things including:
  - Provide programs to prevent stalking
  - Describe the procedures for victims of stalking should follow if stalking has occurred
  - Describe the disciplinary proceedings used by the institution if stalking is reported

# **WHAT IS TECHNOLOGY? WHY IS IT IMPORTANT TO KNOW ABOUT?**

# It's Still About Power and Control



# Technology Misuse

- Must avoid thinking, “whatever, that isn’t possible!”
  - Technology misuse is not uncommon. What sounds impossible is likely real.
  - Look at how communication started and ask about the victim and the perpetrator’s use and knowledge of technology.
- Sometimes disconnecting from technology is more dangerous!

# Text Messages

- Benefits: Victims use for convenience and safety. May work in an emergency when voice service does not. Can quickly communicate to large number of people.
- Risks: Messages can be falsified or spoofed from the carrier's website or services like fakemytext.com.
- Legal: Nearly all 50 states, including KS, now have laws that explicitly include electronic communication in their stalking or harassment statutes.

# Evidence and Text Messages

- When law enforcement presents carriers with a valid court order, the carrier MIGHT be able to search backup media to retrieve messages that were “deleted” from the device and their servers up to a year earlier.
- Law enforcement often take photographs or video of the phone or text message content for evidence.

# Evidence Collection

- Don't delete the evidence!
  - Maintaining evidence is counter-intuitive
    - What is your first instinct when someone sends you an upsetting message or ?
- Document the abuse
  - Keep a log to establish patterns of harassment and stalking behavior
  - Take screenshots
  - Take photographs
  - Print out pages
  - Record phone calls, encounters, etc. (KS is a one-party consent state)
- Back up all evidence on a USB or separate device

# Documenting the Abuse

- Teach survivors how to document the abuse and collect evidence you need
  - Teach them how to take screenshots
  - Stress the importance of context (screenshot entire conversations)
  - Also ask them to teach you:
    - What tech do they use?
- What should they document?
  - Entire convo
  - Time stamped if possible
  - Name and number
- Ask EARLY about survivor tech use
  - Who is on the data plan?
  - Can they screenshot without notifying abuser?

# Documenting Text Messages

- Apps Available: Stitch It; Tailor; SMS Backup +, Decipher Text Message
- Video recording options on IOS
- For disappearing texts it's going to look a little different....

# Disappearing Texts



8WAtp8nUEOrzSu67t9tGITEzldgr6hulpXqofo0rv2w9y3DzSu67t9tGITEzldgr6hulpXqoTzA  
RKuumMLuyHlGrWvGXy8acawjyliExMCHCfRU9VzIAipW4HFMVN3XZixDAw4EcmBHnnJozJYoPgh  
eWYx3P1S11TEADaLIKVO5bXyBhEPQu6Z4jdUAdnHUkRuKBuHoCcU0hMTIhTzyYriExMCEI84A

# Confide



- Last year, the Kansas City Star reported that Gov. Greitens and his staff had been using Confide accounts for work-related purposes
- The concern revolved around government transparency and open-record laws
  - Greitens' staff admitted that they used the app for government-related business, but it was mostly just logistics and scheduling
- The MO Attorney General said they violated no laws but using the app because the messages were (allegedly – because there was no evidence available to dispute the testimony) of a transitory nature

# www= Stalker's Paradise

- Easy to hide your tracks
  - [www.hidemyass.com](http://www.hidemyass.com)
  - Google Incognito mode
- Easy to find personal info
  - Google
  - Pipl
  - Intellius

# Information is Everywhere

- Car repair/ oil change
- Grocery store discount cards
- Video rental
- Frequent buyer programs
- Stores requesting phone # for coupons
- DMV
  - Social services
- Passports
  - Schools
- HMIS
  - Healthcare
- Courts
  - Faith community



# AdWare vs. SpyWare

- **AdWare:** Displays ads on your computer. These ads sometimes pop up on your screen, even if you are not browsing the Internet.
  - How does it get on a computer? Sometimes it comes as part of something else you download. Sometimes, it simply installs itself from an email or website.
- **SpyWare:** Software or hardware that helps someone (such as a perpetrator) gather information about the user's computer use without her or his knowledge or consent.
  - Spyware can be installed by someone who has physical access to the computer/ phone OR by sending an email, Instant Message, or text message.

# Remote Spy

HI-TECH REMOTE SPY SOFTWARE

## REMOTE SPY

HOME SUPPORT

HOME FEATURES PURCHASE FAQ SUPPORT ABOUT US

### » FEATURES

**Remote Spy Features**

Remote Spy is the latest in high-tech PC surveillance software. Secretly Record all Computer and Internet activity on your own PC remotely with our powerful yet simple-to-use Spy Software.

- Keystrokes
- Screenshots
- Instant Messengers
- Websites Visited
- Application Usage
- Window titles
- Passwords used
- Usernames
- Chat Conversations
- Remotely Install!**

**Powerful Spy Software**

- Remotely Install No Physical Access Needed!
- Deploy with a few Clicks via email, messenger, etc!
- Personalized Member Account!
- Remotely Monitor **ANY PC YOU OWN!**
- Know how your PC is being used while away.

**PURCHASE REMOTESPY NOW!**

[Read More Information](#) | [Try The RemoteSpy Demo](#)  
[Place A Secure Order - Get Instant Access!](#)  
[See What's New in the latest version](#)

**RECORD THE FOLLOWING:**

- EMAIL CORRESPONDENCE
- CHAT CONVERSATIONS
- INSTANT MESSENGERS
- OVERALL COMPUTER ACTIVITY
- AND MUCH MORE!!!

**RECORD COMPUTER ACTIVITY FROM ANYWHERE!**

**EASY TO SETUP. NO PHYSICAL INSTALLATION NEEDED!**

# Mobile SpyWare

- Smart phones are just small computers – spyware functions the same as on a PC.
- Low tech phones can be infected with Spyware
  - [www.remotespy.com](http://www.remotespy.com)

# What to Look For

- Change in Phone Behavior
  - Is there an increase in air time or data usage on the survivor's bill?
  - Do call logs match their activity?
  - Is the battery draining faster than normal?
  - Look into the downloaded apps list.
- Remember not to focus on one issue.  
Look for several of these signs together.

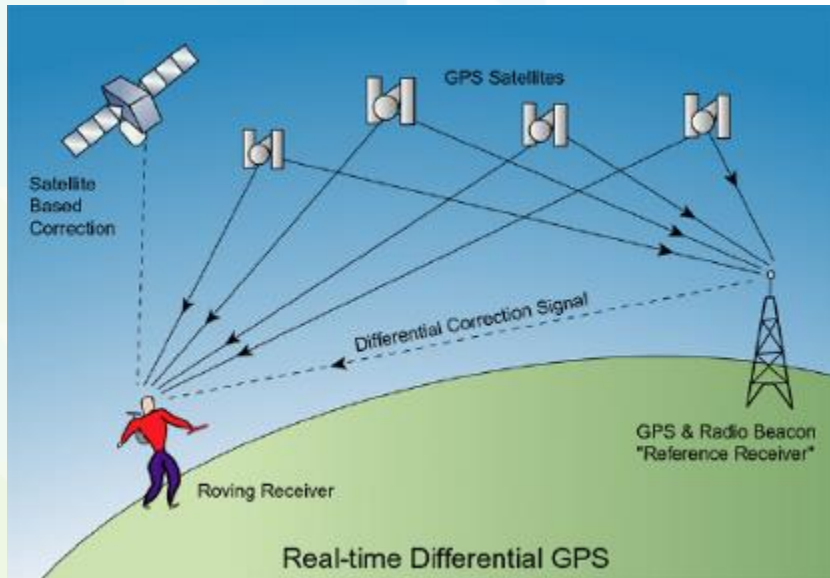
# SpyWare Safety Tips

Regularly ask: “Do you use a computer?” “Does a perpetrator have access to it?” “Does the perpetrator have a techy background?”

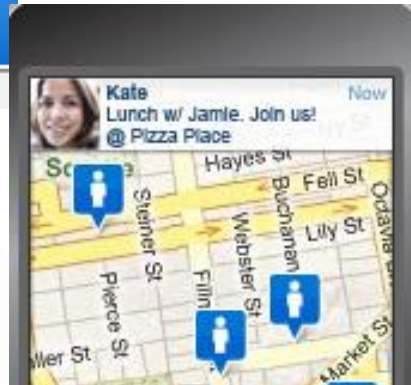
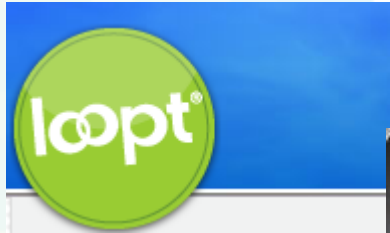
## Information for Victims:

- ✓ **Looking** for spyware on your device could be dangerous since spyware could immediately alert the perpetrator to your searches. Before taking action, talk to police or a victim advocate about preserving evidence.
- ✓ **Use a safer computer** to perform Internet searches or send emails that you would not want the perpetrator to intercept. Only use the monitored computer for innocuous web surfing.
- ✓ Create **new** email/ IM accounts on a safer computer. Do not create or check new email/ IM accounts from a computer that may be monitored.
- ✓ **Be suspicious** if someone who is abusive has bought a new keyboard or has recently done computer repair work that coincides with increased stalking.

# Location, Location, Location



# Phone Location Services



> **Locate loved ones**  
in real-time on an  
interactive map  
from any internet-  
connected PC or  
mobile handset



> **See where  
your children  
have been**  
with maps  
featuring  
breadcrumb trails



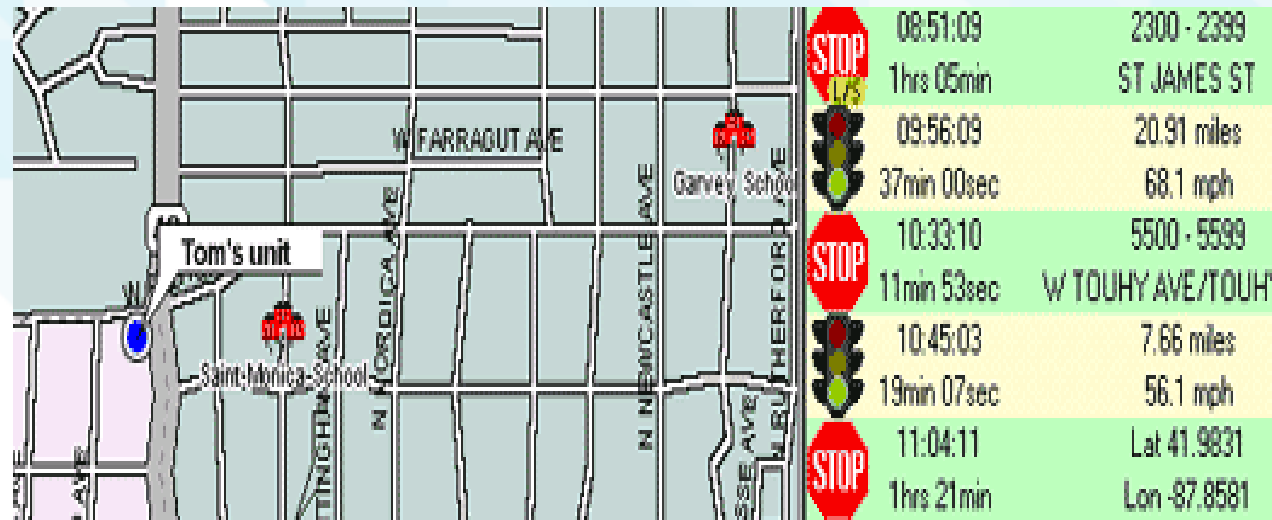
**Sprint Family Locator** gives you  
and your family peace of mind in  
the palm of your hand.

**Locate Your Children**  
immediately, from either a  
registered "locator" mobile phone  
or from the web.

**Safety Checks** let you know that  
your children have arrived at home  
or school on time.


**For Only \$9.99 a Month** have  
quick, easy, and secure access to  
the location of up to 4 Sprint Nextel  
phones.

# Risks of GPS



- Hard to Detect- Victim may not know that the service is active on phone or that a device is hidden in the vehicle/backpack/child's new toy.
- Permission to be located can be coerced.
- Tracking program can be set to regularly deliver alerts via text message or email to the perpetrator.

# Monitor Teen Driving



**SafeTrak**

[Home](#) | [Testimonials](#) | [Contact Us](#) | [Links](#) | [Site Map](#) [Customer Login](#)

**System Choices**

**Live Systems:**

- [FleetTrak](#)
- [SafeTrak](#)
- [LastTrak 7100](#)
- [ValueTrak](#)
- [SatTrak](#)
- [TrailerTrak](#)

**Passive Systems:**

- [TimeTrak](#)
- [TimeTrak2](#)
- [LastTrak 3100](#)

[Navigation](#)

**SafeTrak - Teen Driver Tracking For Your Peace of Mind**

SafeTrak is a real-time, Internet based, GPS tracking system that enables you to quickly and easily monitor your teen's vehicle from any internet accessible computer. SafeTrak provides fast, easy access to key information such as where they've been, where they are, where they're going, and how fast they're driving. The car gps system is easy to install and maintain.


As a parent, would you feel more secure knowing where your young driver's car is when they are ...

- not home at a designated time?
- sleeping over at a friend's house?
- out on a date?
- out with their friends?
- not answering their cell-phone?
- driving to college?

**Sample Reports**

- [SafeTrak Reports](#)
- [SafeTrak Maps](#)
- [SafeTrak Alerts](#)
- [National Coverage](#)
- [SafeTrak Product Overview](#)

**Product Images:**



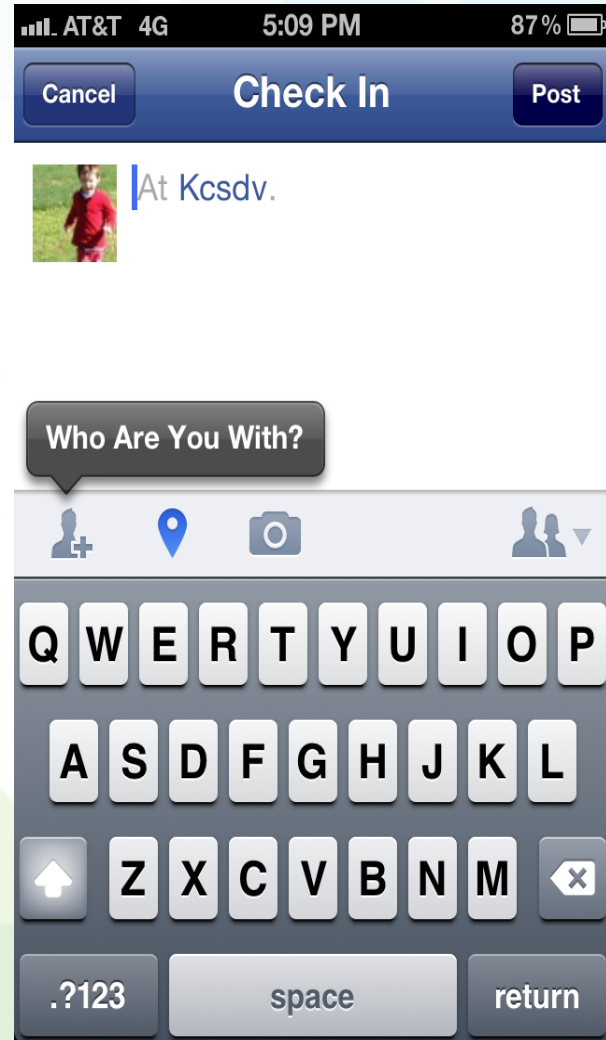
Real time location tracking, geo-fencing alerts, driving log that measures real time travel.

# GPS and Social Media

Geo-tag (location info) is embedded in:

- Every digital picture, including those posted online
- Is an integral function in many social networking sites

*Update your Privacy Settings **OFTEN***



# EXIF Data

(Exchangeable  
Image File Format)



AT&T 8:44 AM 56%

exif.regex.info

### Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer (How to use)

Some of my other stuff  
My Blog · Lightroom plugins · Pretty Photos  
"Photo Tech"

URL:   
OR...  
File:  no file selected

☐ I'm not a robot

[View Image Data](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: [jfriedl@yahoo.com](mailto:jfriedl@yahoo.com)), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please see the [FAQ](#).

#### Basic Image Information

Target file: 6DDA8198-FA60-48EB-B862-59137F2E31BA.jpeg

Camera:	Apple iPhone 6s
Lens:	iPhone 6s back camera 4.15mm f/2.2 Shot at 4.2 mm Digital Zoom: 1.281355932×
Exposure:	Auto exposure, Program AE, 1/1,183 sec, f/2.2, ISO 25
Flash:	Auto, Did not fire
Date:	<b>December 19, 2016 2:55:24PM</b> (timezone not specified) (1 year, 2 months, 8 days, 17 hours, 48 minutes, 51 seconds ago, assuming image timezone of 6 hours behind GMT)
Location:	Latitude/longitude: 39° 2' 49.7" North, 95° 40' 36.2" West ( 39.047128, -95.676719 )  Location guessed from coordinates: <i>900 SW Jackson St, Topeka, KS 66612, USA</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 292 meters (957 feet) Camera Pointing: West-northwest Timezone guess from <a href="http://earthtools.org">earthtools.org</a> : 6 hours behind GMT
File:	4,032 × 3,024 JPEG (12.2 megapixels) 2,975,816 bytes (2.8 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

Extracted 160 × 120 9.9-kilobyte "EXIF:ThumbnailImage" JPG

# EXIF Data

Sites that strip EXIF data before posting photos:

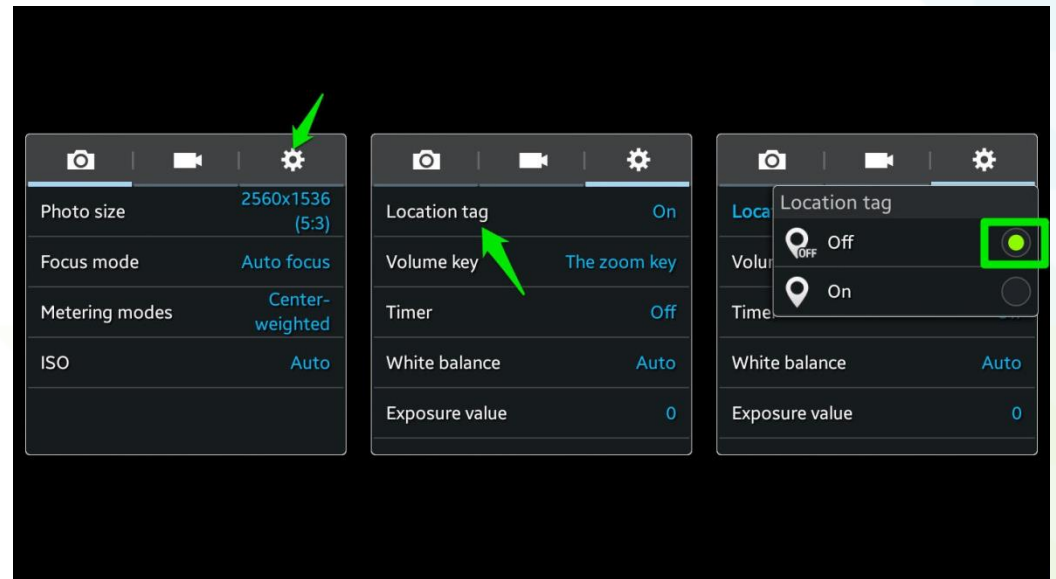
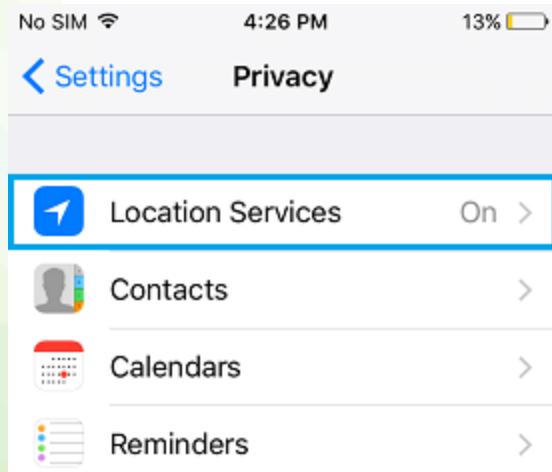
- Facebook
- Twitter
- eBay
- Instagram (unless pic was added to Photo Map)
- Flickr- gives the option

Sites that don't strip EXIF Data

- Google+
- Tumblr
- DropBox
- Email
- WordPress

# Disabling Geo-Tagging

- Search “how to disable geo-tagging on a [phone make/model]”



# GPS Safety Planning

- Encourage victims to trust their instincts.
- Learn about the phone – Can it be tracked by GPS? Has someone loaded a new program onto the phone? Ask cell phone carrier about tracking plans on the account.
- Law enforcement, mechanics, or victims can search the car- under the hood/ seats/ bumpers, in the trunk/ dashboard/ glove box. Consider leaving the car temporarily if still worried.
- Does the car have OnStar or a Navigation System?
- Have location services on phone been disabled?

# Spoofing Caller ID

- Gives caller ability to change number shown on ID, change voice, and record call.



### Suggested Uses

- Protect your privacy
- Allows for calls from your cell phone to appear as if you are at work
- Prank-call your friends and family
- Stay anonymous

### How It Works

- Call Stealth Card Access Number
- Enter Caller-ID to be displayed
- Enter Account Number
- Enter destination phone number to call

[Place Your Call](#) [Group Spoof](#)

COUNTRY PHONE NUMBER Prefill Last Call

Destination Number

Caller ID to Display

VOICE CHANGER

↓ SHOW EXTRA OPTIONS - (BACKGROUND AUDIO, STRAIGHT TO VOICEMAIL)


WATCH A DEMO

# **“Spoofing” Evidence Collection**

- Victim phone records not enough – spoof number shows on bill.
  - If possible, triangulate with third party.
- Perpetrator phone records show 800 number dialed.
- Witnesses.
- Pictures or video.
- Spoofing company records.

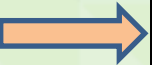
# Cell Phones and Spoofing Claims

- Spoofed Phone Record (XXX-5125)



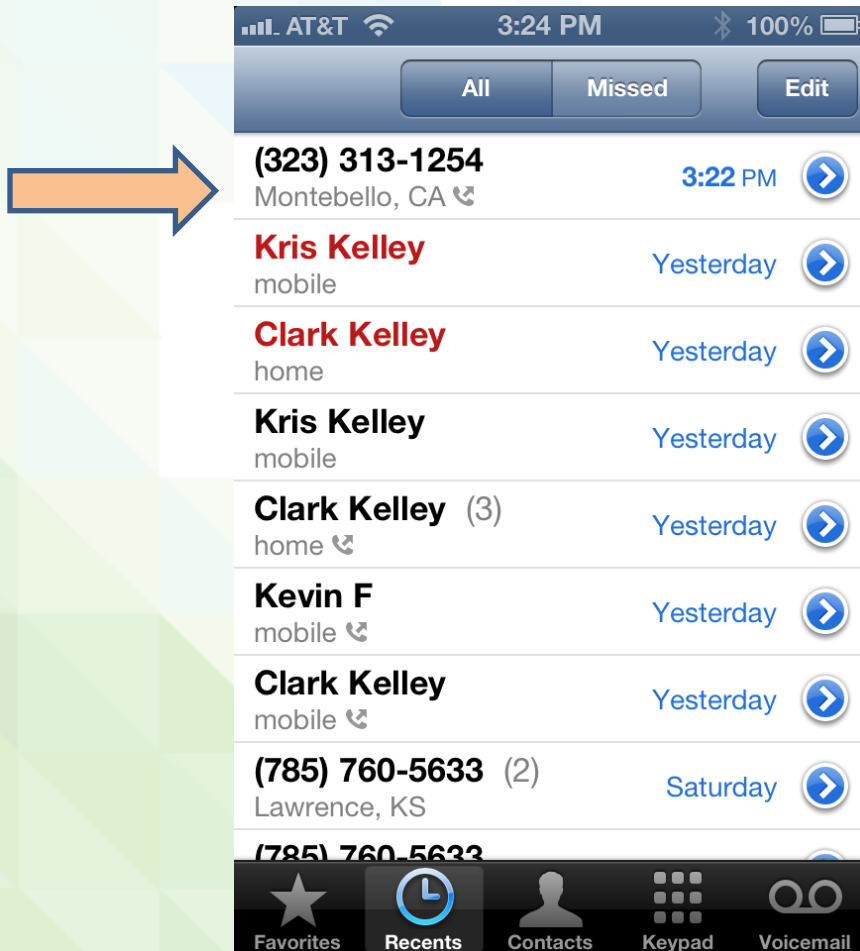
05/05	10:03 AM	785-341-1891	MANHATTAN,KS	NW /WC /AU	1:00
05/06	03:22 PM	785-764-0647	Incoming	WC /AU	1:00
05/06	03:24 PM	785-764-0647	LAWRENCE,KS	WC /AU	2:00
05/06	03:26 PM	785-409-2006	Incoming	WC /AU	1:00
05/10	11:11 AM	785-608-3058	TOPEKA,KS	WC /AU	1:00

- Phone Record of Number Displayed (XXX-0647)



5/05	11:49A	913-626-7609	Off-Peak	N&W	Kansas Cit MO	Kansascity KS	61	--	--	--
5/06	3:25P	785-341-5125	Peak	PlanAllow	Topeka KS	Incoming CL	1	--	--	--
5/07	3:23P	785-608-3058	Peak	PlanAllow	Kansas Cit MO	Topeka KS	10	--	--	--

# Cell Phones and Spoofing Claims



- Cell Phone Used to Spoof

- Perpetrator's phone record would also show the Montebello, CA number.

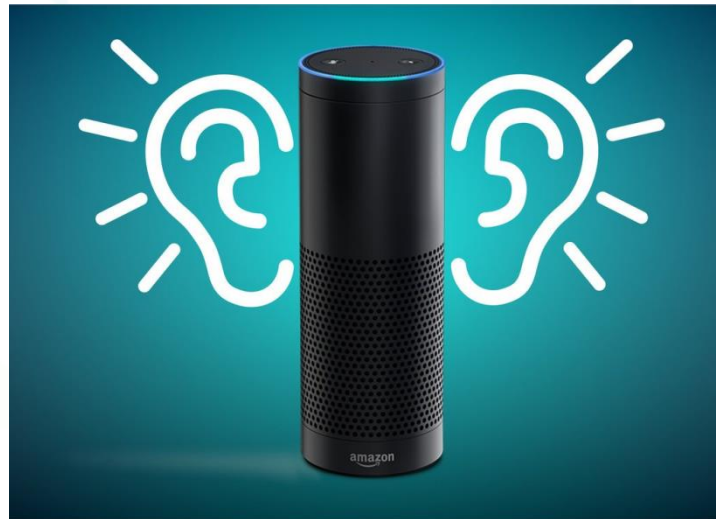
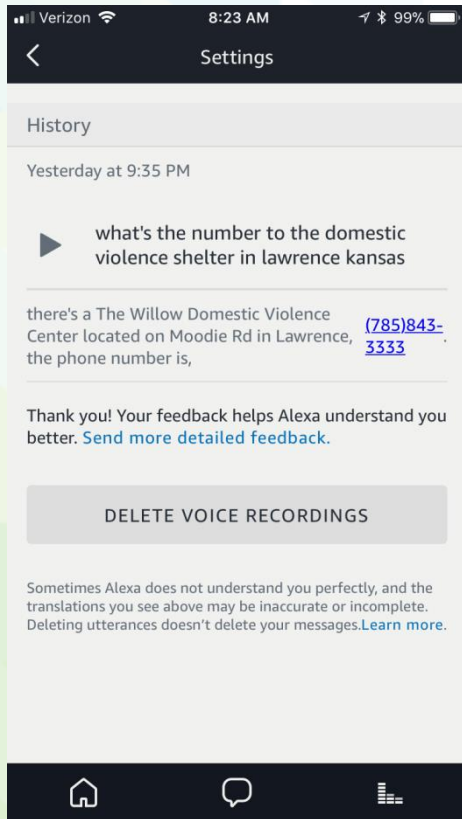
# Truth in Caller ID Act

47 U.S.C.A § 277

- Signed into law by President Obama on December 22, 2010.
- Includes language that bans the use of spoofing to “defraud, cause harm of wrongfully obtain anything of value.”
- Defined “harm” to protect victims.
- State Attorney General can enforce.
- FCC proposed rules implementing the Act and can also enforce.
  - Can levy up to \$10,000 in fines per violation.

# **EVER-EVOLVING TECHNOLOGY AND THE TECH-SAVVY PERPETRATOR**

# In-Home Smart Devices



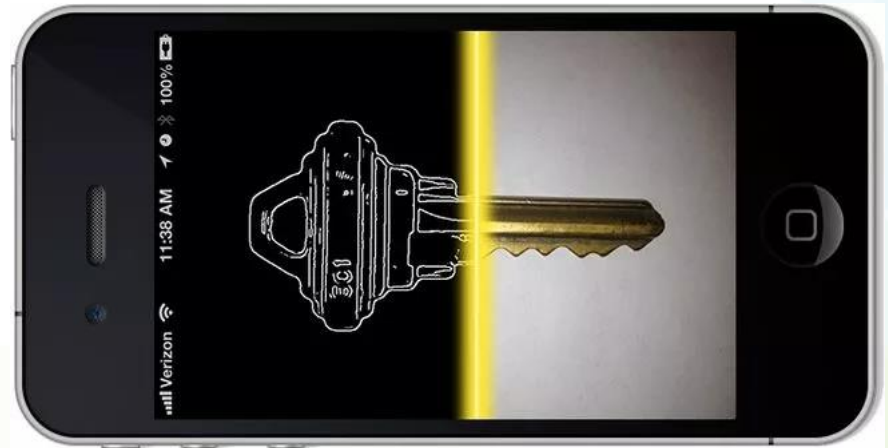
# Fit-Bits and Smart Watches



# New Tech – Free Downloadable Apps

**CONVENIENT**

**Copy keys from the comfort of your couch!**



# New Tech

- Bank Deposit Scam
  - “Mr. Ten Cents”
- Wüf
  - “No more lost dogs”
    - Two-Way Audio.
      - Built in “smart microphone” and powerful speaker.
    - GPS and geo-fencing.
    - Bluetooth connects to “smart” devices.



# A Multi-Disciplinary Approach

Who's Involved in the Intervention?

- The Survivor
- DV/SV Advocate
- Campus Personnel
- Law Enforcement
- Prosecutor
- Civil Attorney
- Anyone else you might add to this list?

# Why Connect With Other Resources in These Cases?

- Stalking is not a single incident crime, but an ongoing course of conduct.
- Survivors hold the information.
  - Survivors need assistance in getting the evidence to the right people in the right format.

# What Does the Victim Want?

- They want behavior to stop.
  - Protection Orders.
  - Title IX Action
- They want the person held accountable.
  - Going to police department/criminal charges.
  - Civil remedies.
- They want to enhance their privacy and safety.
  - Privacy and security settings.
- They want to speak out, to heal.
  - Victims want to gain back control.

# Back to the Clery Act

- What should victims on YOUR CAMPUS do if they become a victim of stalking? You need to be able to tell them:
  - Protection of confidentiality (Clery Act required disclosures)
    - Should be discussed immediately
  - Options for available accommodations
    - Your institution is obligated to comply with a student's reasonable request for a living and/or academic accommodation, *regardless if the victim chooses to report the crime to the authorities*
  - How to report (including to specific contact information)
  - Importance of preserving evidence
  - Option of contacting law enforcement and campus authorities
    - Also their right to decline to do so!

# How Will I Know Where to Start?

- Listen to what the survivor is sharing.
- Ask the right questions.
  - (What happened, where did it happen, how did it happen, who made it happen, why did it happen?)
- Identify what tech is being used to stalk the survivor.
- Identify the stalker and how he/she is gaining access to the survivor.
- Is there a domestic violence or sexual assault history?

# Uncovering Context

- Is there significance to the event?
  - Sometimes difficult even for the victim or police to identify.
- What does it mean to the victim?
  - Example: Victim calls police reporting a dozen roses showed up on her doorstep.
  - What information do we need to know?
    - CONTEXT, CONTEXT, CONTEXT!
    - What victim proceeds to share is that the abuser had threatened that “the day you get a dozen roses, is the day you are going to die.”
- What history goes along with the event?
- Is it leading up to something?

# Goal of Safety Planning and Protection of Privacy

- Safety:
  - Make it a process, include risk management.
    - What is “safe” can change quickly.
- Empowerment:
  - Give the survivor choices.
    - Give the survivor back some control.
    - Safety + Privacy + Technology= Possible
- Information:
  - Give survivors tools and strategies they can use to manage their risk and safety.
  - Talk with survivor about documentation of incidences.



# Tools and Resources

- The Tech Safety App (<https://techsafetyapp.org/>)
- Technology Safety and Privacy Toolkit for Survivors (<https://www.techsafety.org/resources-survivors>)
- The App Safety Center (<https://www.techsafety.org/appsafetycenter>)
- Responding to Stalking on Campus: Navigating Title IX and the Amendments to the Clery Act – published by The National Center for Victims of Crime
  - (<http://victimsofcrime.org/docs/default-source/src/src-campus-guide.pdf?sfvrsn=2>)

# Tools and Resources

- Kansas Safe at Home Program K.S.A. 75-451 through 75-458
  - This program gives victims a legal substitute address (usually a post office box) to use in place of their physical address; this address can be used whenever an address is required by public agencies.
  - Victims must work with an enrolling agent to apply to Safe at Home.
    - Enrolling agents can be state or local agencies, law enforcement offices, non-profit organizations and any others designated by the secretary of state that provide counseling and shelter services to victims of domestic violence, sexual assault, trafficking or stalking.
  - <http://www.kssos.org/safeathome/main.html>

# Tools and Resources

- Relocation Counseling and Identity Protection Initiative
  - Joint effort between NNEDV and Greater Boston Legal Services
    - Uniquely addresses all facets of survivor relocation and privacy
    - Free
    - Nationwide
  - [relocation@nnedv.org](mailto:relocation@nnedv.org) or (617) 603-1557

# Tools and Resources

- Where to start:
  - Discuss options for civil orders or criminal charges
    - PFA/PFSSA (soon to be PFSSAHT)
  - Explain the role of an advocate, and if possible make a personal handoff/referral.
  - Look to campus policies and Title IX

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**QUESTIONS?**