NAVIGATING SAFETY:

The Use and Misuse of Technology and Intimate Partner Violence

How many cases that involve misuse of technology have you seen during the past year?

Total # of Survey Results Submitted = 359

Number of Cases	Survey Results (# of people who checked off this option)	Percentage of Answers
0 cases	40	11%
1-5 cases	107	30%
6-15 cases	74	21%

PREVELANCE

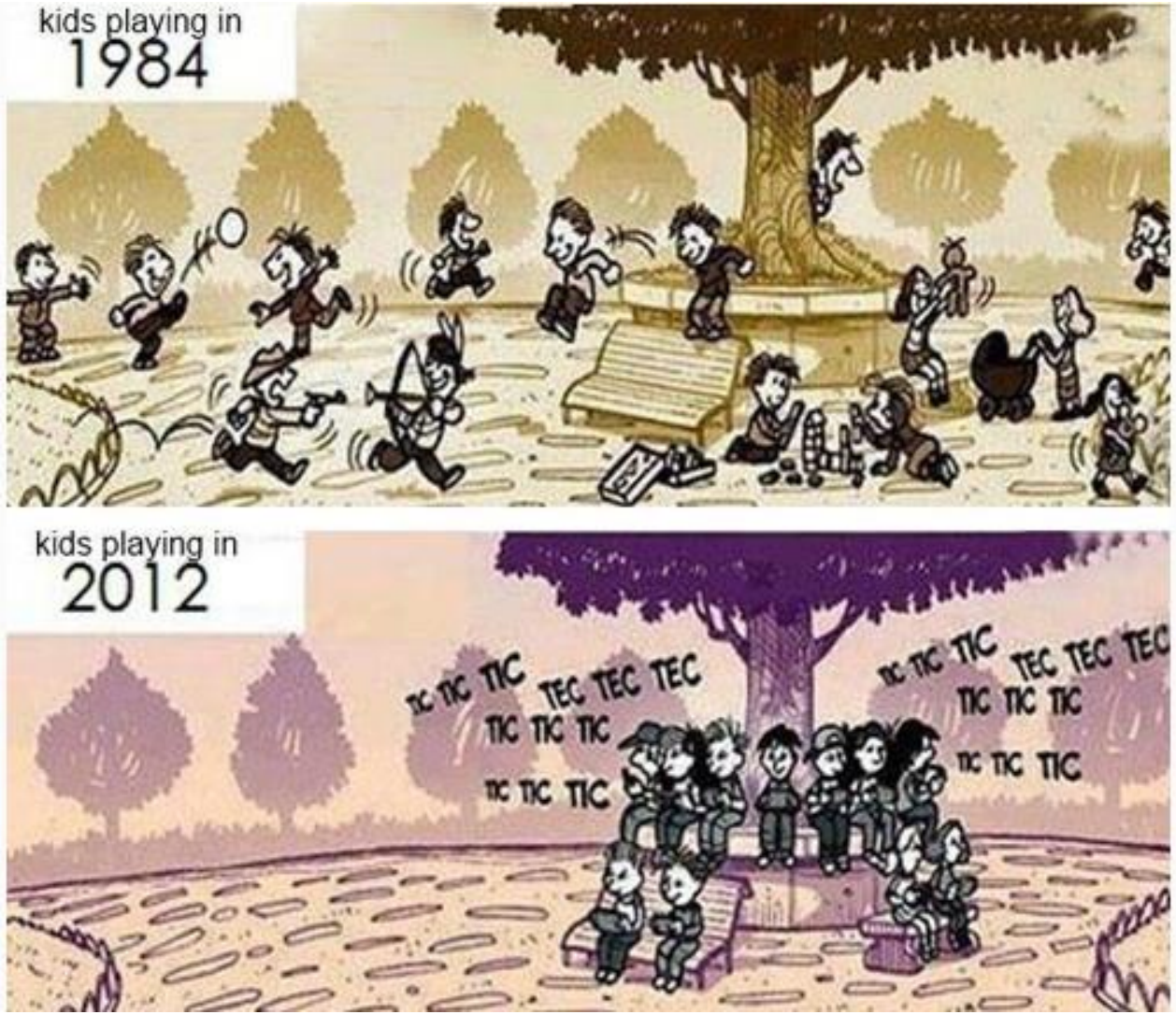
What kind of technology misuse have you seen used against victims of abu

Total # of Survey Results Submitted = 354

Kind of Technology Misuse	Survey Results	Percentage c Answers
Location or GPS Tracking in Car	58	16%
Unwanted or Abusive Text Messages	187	53%
Monitoring Phone Activity	69	19%
Intimidation + Threats via Technology	139	39%
Spoofing or Faking Calls, Texts, Other Messages	79	22%
Unwanted or Abusive Social Media Messages/Images	111	31%
Impersonation Using Technology	35	10%
Intentional Damage/Destruction of Technology	56	16%
Sharing or Threatening to Share Nude or Sexual Images w/o Consent (aka “revenge porn”)	84	24%
Online Accounts Accessed w/o Consent	63	18%
Using Online Data to Track or Locate a Victim	35	10%
Using the Children’s Technology to Monitor, Stalk, or Track the Family	21	6%
Spying with Hidden Cameras	20	6%
Doxxing (Releasing Private Information about someone – address, number – w/o consent)	22	6%
Swatting (Prank Calling Emergency Services to Swarm a Person’s Address with a SWAT Team)	6	2%

PREVALENCE

YOUR USE OF TECH?


kids playing in
1984
kids playing in
2012
TIC TIC TIC
TEC TEC TEC
TIC TIC TIC
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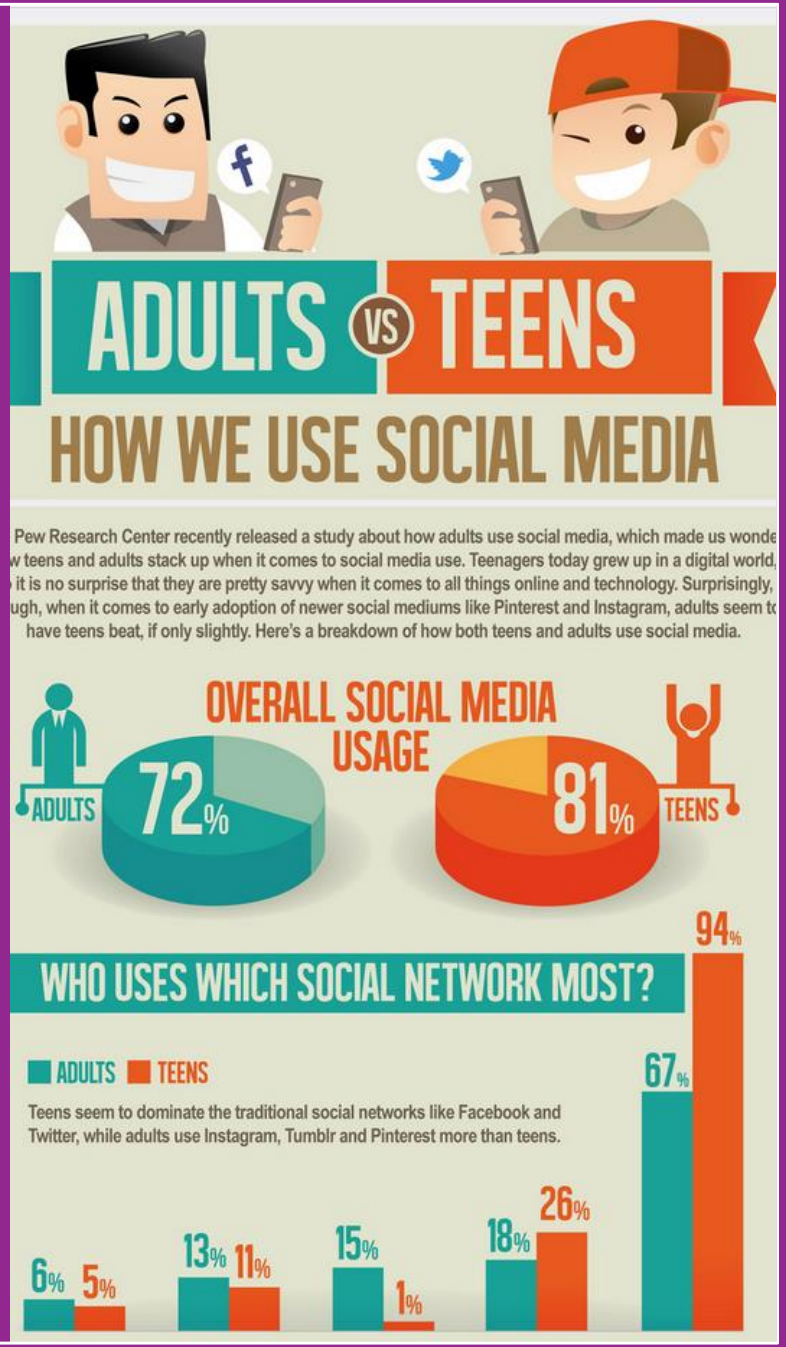
Why is this topic important?

42% of the US population owns a tablet.

64% of the US population owns a smartphone.

72% of all adults online use social media



THE USE AND MISUSE OF TECHNOLOGY

How Technology is Used: The Bad News

Makes it easier to do what offenders have always been doing:

- Tracking/monitoring
- Abuse
- Intimidate

Makes it more difficult for survivors to leave

How Technology is Used: Law Enforcement

- Officers are the first step in protecting the survivor and holding the abuser accountable. They set the tone of the investigation.
- Methods may be new, but motivations are the same.
- Continue to investigate these crimes the way you normally do, but remember to ask about the high-tech component.
- When it comes to the high tech portion, you cannot collect too much evidence or document too much information about specifics.

How Technology is Used: The Good News

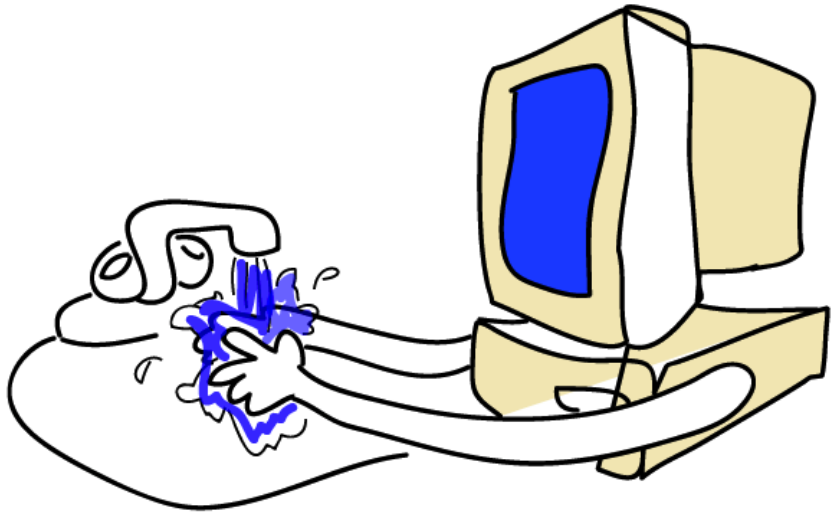
The benefits? More opportunities for:

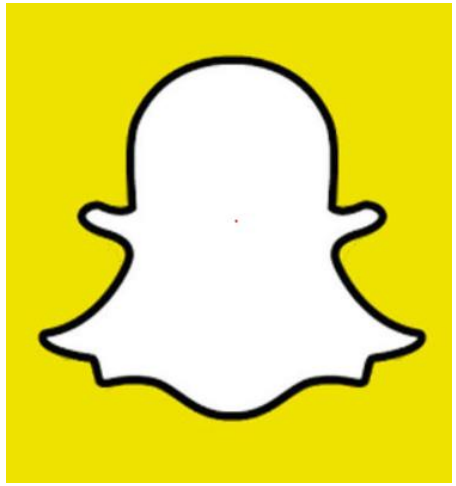
Survivor Safety	Community Building	Offender accountability

Evidence may be easily obtained

AND, sometimes the technology that's being used by offenders is the same technology that survivors can use to keep themselves safer

#DigitalHygiene

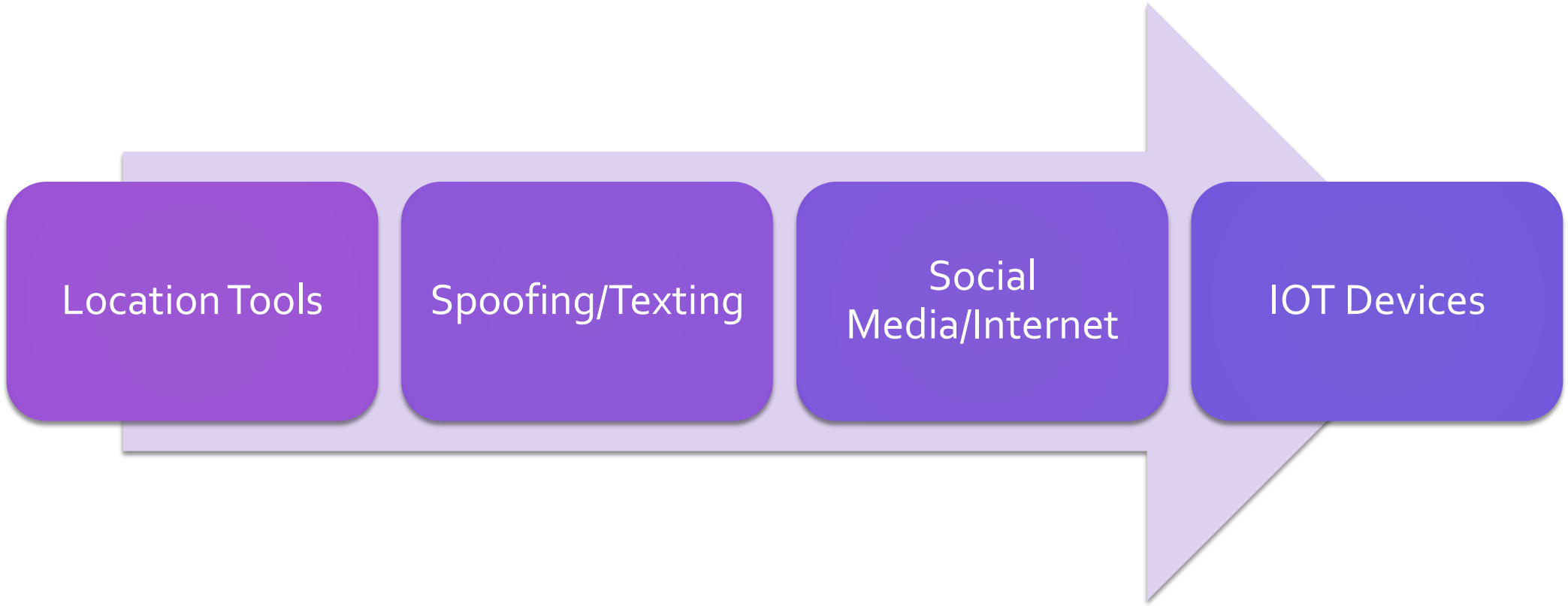




Best Answer
Asker's Choice
Got Married
Like · Comment · Share
View 5 more comments

TECH USE

Topics Covered Today

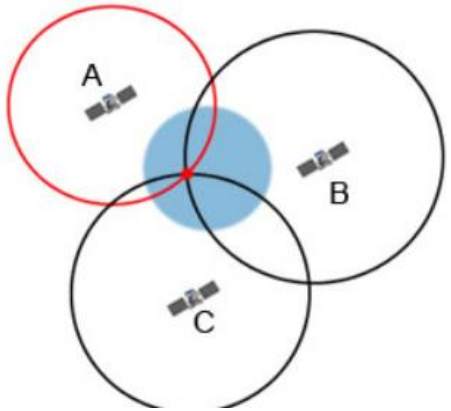


LOCATION TOOLS AND SPOOFING

A note before we start…

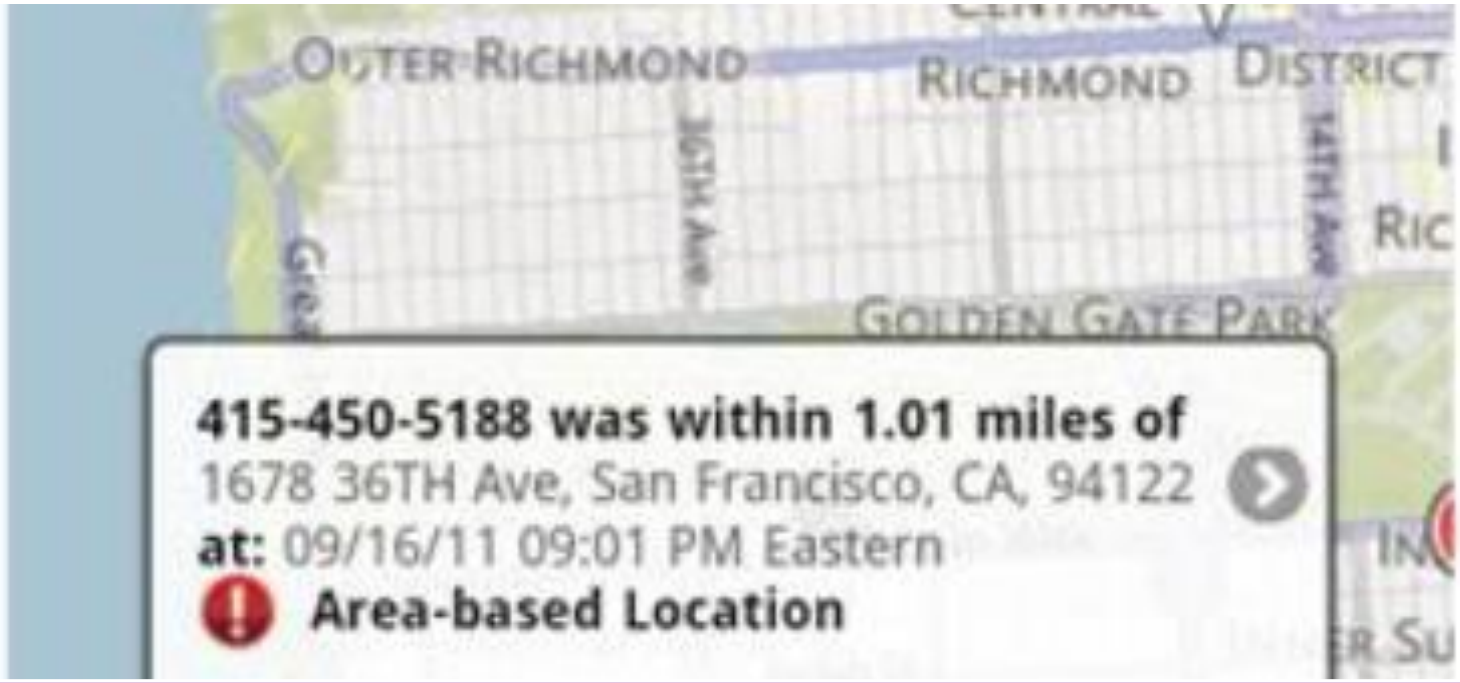
Use of family plans to locate and monitor is still prevalent

Harassment and stalking via repeated text messages and calls



GPS

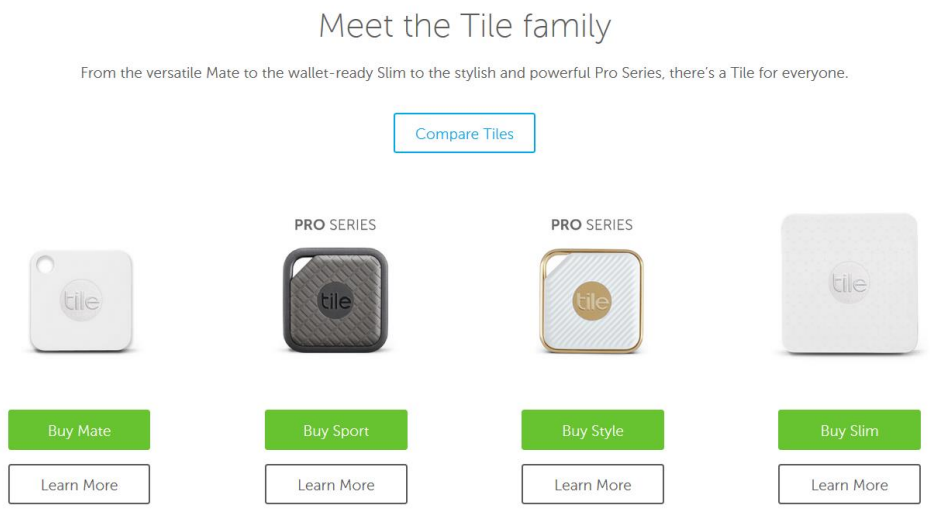
- Phones are equipped with GPS for use of e911.
- Often used for mapping/ driving & social connections
- Other forms of GPS include monitors for cars/parents.



MOBILE PHONE LOCATOR SERVICES

Geotagging

Map
Satellite
all
Canada
Greenland
Iceland
Russia
Kazakhstan
Mongolia
China
Mexico
Venezuela
Colombia
Peru
Bolivia
Paraguay
Chile
Argentina
Algeria
Libya
Egypt
Mali
Niger
Chad
Sudan
Nigeria
Ethiopia
Tanzania
Angola
Zambia
Mozambique
Namibia
Botswana
Zimbabwe
South Africa
Madagascar
Arabia
Iran
Afghanistan
Pakistan
India
Vietnam
Australia
Papua New Guinea
North Atlantic Ocean
South Atlantic Ocean
South Pacific Ocean
Indian Ocean



OTHER LOCATORS

GPS Safety Tips

Avoid family plans, if possible.

Be careful with location-based social media apps.

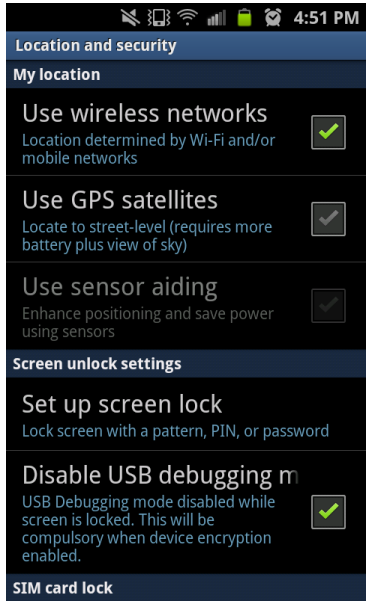
Check location settings for ALL apps.

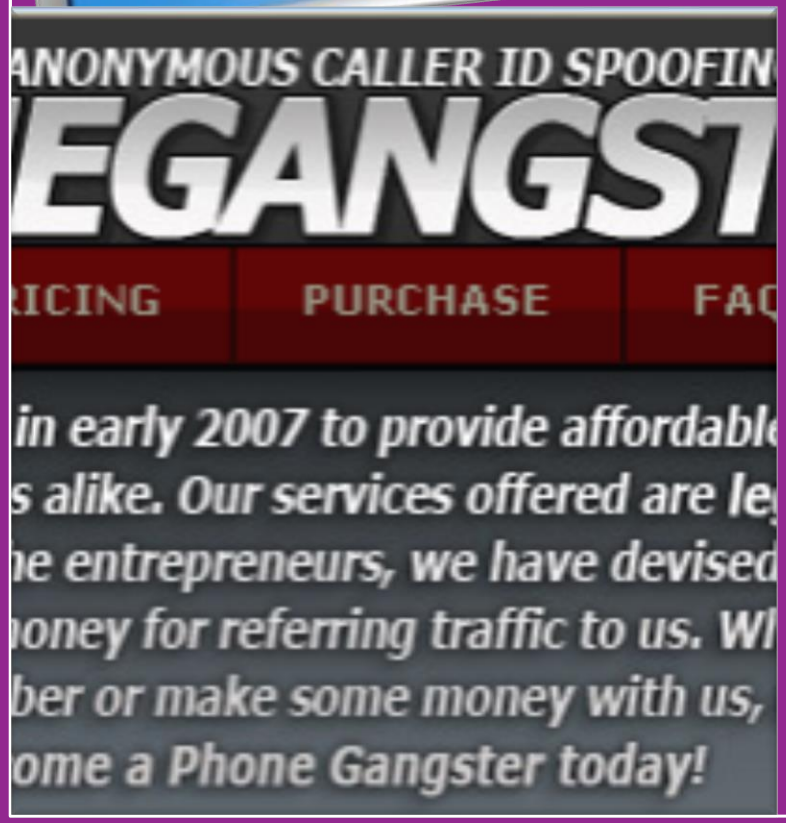
Log incidents to show a pattern of behavior.

Ask questions to establish a timeline; When did the survivor notice that their abuser seemed to be everywhere?

Look at recent gifts given to the adult or a child.

SAFETY HANDS ON: YOUR GPS





Cell Phones: Spoofing

Spoofing caller ID:

- Gives the caller the ability to change the number shown on caller ID, change voice, and record call
- Can also be used for text messaging

Safety Tip: Trapcall

- Unblocks numbers
- Logs calls with real phone numbers
- Stores voicemails online

http://www.trapcall.com/calls

View Favorites Tools Help

Search More >>

Customize Links Suggested Sites Web Slice Gallery

All Calls - TrapCall | How do I Block my Number W...

Sort by: All Calls | Unmasked Calls | Recordings

Delete Selected Calls | Print All Calls

Currently viewing calls f

	Call Details	Call Date
☐	Unavailable (512) 859-7000 Nickname - Blacklist	August 14th, 201
☐	Unavailable (254) 799-2191 Nickname - Blacklist	August 14th, 201
☐	Unavailable (507) 651-7663 Nickname - Blacklist	August 14th, 201
☐	Unavailable (512) 589-7041 Nickname - Blacklist	August 14th, 201
☐	Unavailable (512) 589-7041	August 14th, 201

APPS AND SOCIAL MEDIA

Cell Phones/Tablets: Apps

- Apps
  - Are everywhere; billions are downloaded every month
  - Often ask for personal information like contacts
  - Can be helpful; SAT prep etc.
  - May have additional uses

Safety Tip: Check your APP Lists

Common Apps: Know the Basics

Snapchat

- Images/videos are viewable by the recipient for only a pre-determined amount of time
- Images and messages "disappear" but can actually be saved/documented in a number of different ways

Instagram

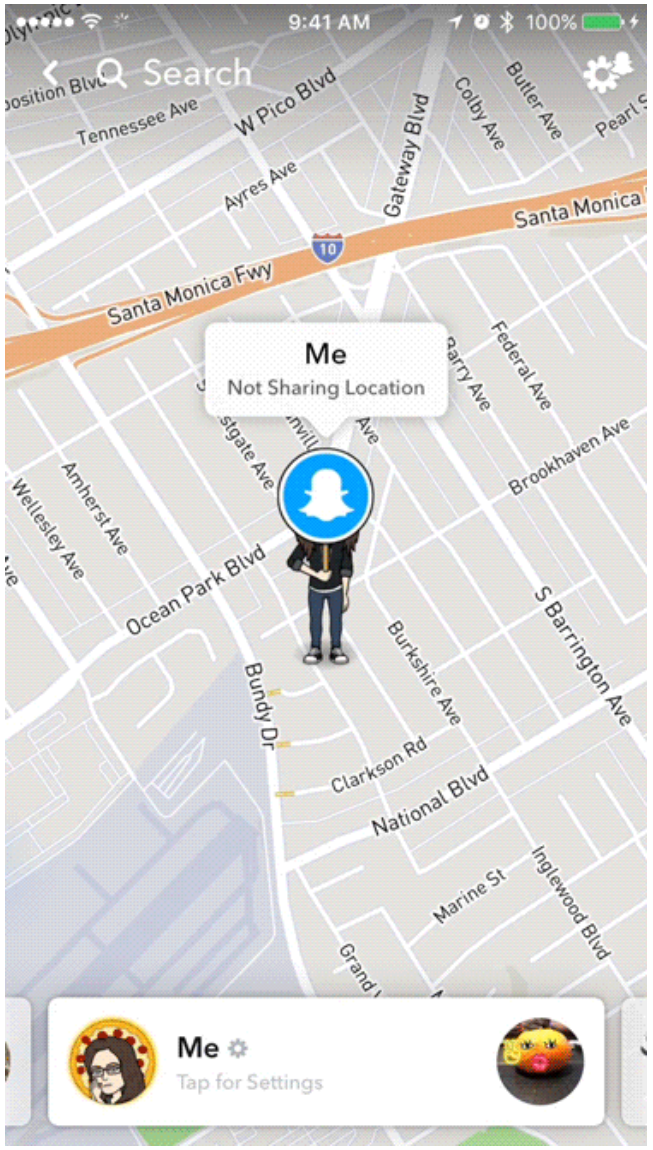
- Photo-sharing platform often directly linked to a user's Facebook account
- Built with the purpose of publicizing users' lives
- Many teens have a fake insta or "finsta": less polished, not intended for public viewing

Twitter

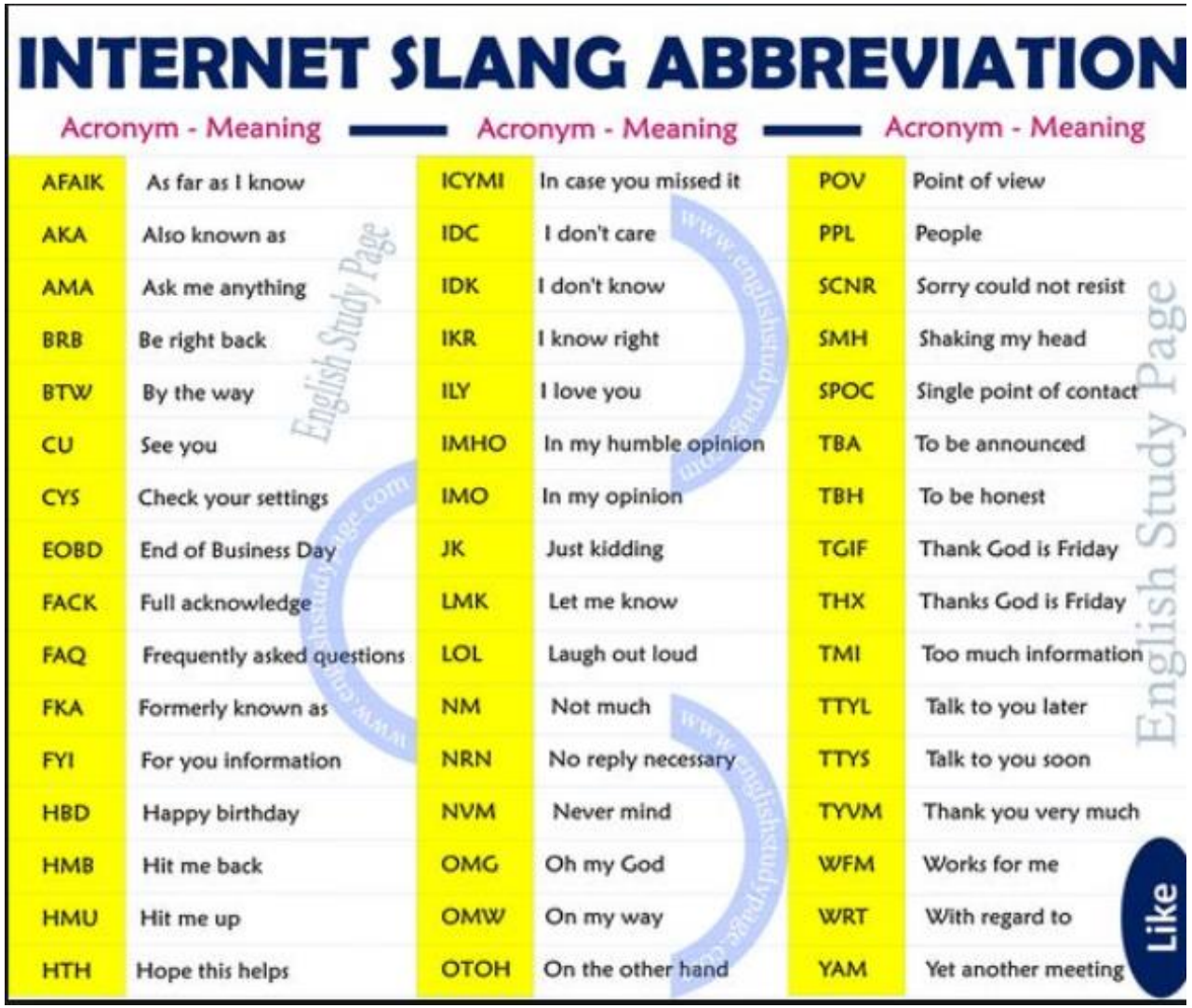
- Not very popular among teens
- Brief, 140-character messages only
- No notification for saves or screenshots
- Has direct messaging capabilities

SnapChat

SnapMap keeping tabs on you!



Cell Phones: Text Messaging



INTERNET SLANG ABBREVIATION

Acronym	Meaning	Acronym	Meaning	Acronym	Meaning
AFAIK	As far as I know	ICYMI	In case you missed it	POV	Point of view
AKA	Also known as	IDC	I don't care	PPL	People
AMA	Ask me anything	IDK	I don't know	SCNR	Sorry could not resist
BRB	Be right back	IKR	I know right	SMH	Shaking my head
BTW	By the way	ILY	I love you	SPOC	Single point of contact
CU	See you	IMHO	In my humble opinion	TBA	To be announced
CYS	Check your settings	IMO	In my opinion	TBH	To be honest
EOBD	End of Business Day	JK	Just kidding	TGIF	Thank God is Friday
FACK	Full acknowledge	LMK	Let me know	THX	Thanks God is Friday
FAQ	Frequently asked questions	LOL	Laugh out loud	TMI	Too much information
FKA	Formerly known as	NM	Not much	TTYL	Talk to you later
FYI	For you information	NRN	No reply necessary	TTYS	Talk to you soon
HBD	Happy birthday	NVM	Never mind	TYVM	Thank you very much
HMB	Hit me back	OMG	Oh my God	WFM	Works for me
HMU	Hit me up	OMW	On my way	WRT	With regard to
HTH	Hope this helps	OTOH	On the other hand	YAM	Yet another meeting

English Study Page
www.englishstudypage.com
Like

Three ways to send a text message:

1. From a phone to a phone
2. From a computer through the carrier's website.
3. From email by sending to cell number (number@cellphonecompany.com)

Safety Tip: Texts

Save the threatening/harassing texts and work with law enforcement on the best way to collect this evidence

Texts aren't typically available from phone carrier for long

Take a screen shot of the text

SAFETY HANDS ON: TAKE A SCREEN SHOT

Evidence and Cell Phones

4 basic options for securing a phone into evidence:

1. Powering On / Off: data protection if off, but may have to deal with lock codes.
2. Pulling the battery: data protection, but may have to deal with lock codes and possible timestamp resets, which can result in challenges from defense. This can be the worse option.
3. Isolate the phone: data protected, but battery could die and then may deal with lock codes.
4. **Airplane mode**: isolation to protect data, but without concern for data compromise or battery depletion. This is the recommended strategy.

Social Media

Social Media

- Creating an online community for friends & family members or meeting new friends (e.g. Snapchat, Facebook)

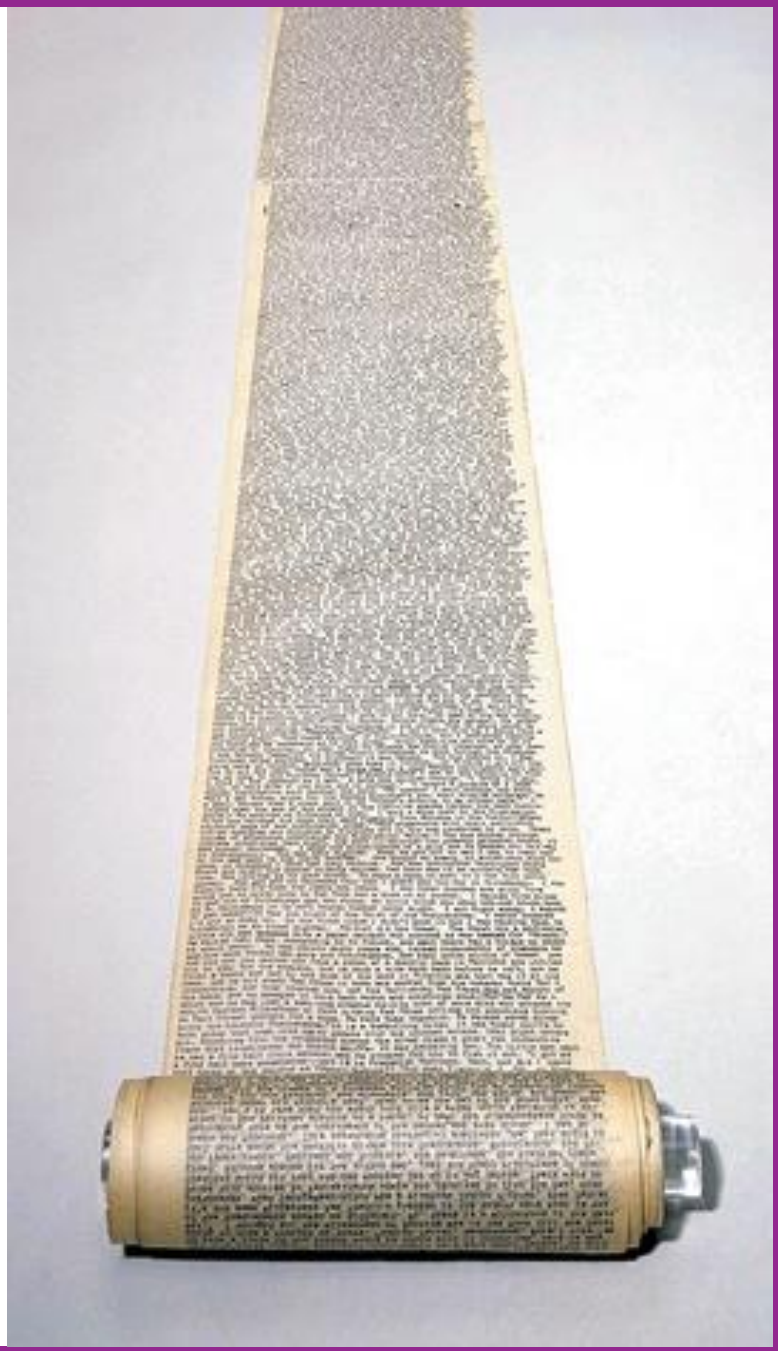
- Can bring people together in various ways
  - Message boards/pursuits of specific interests
  - Online trading and commerce
  - Community activism

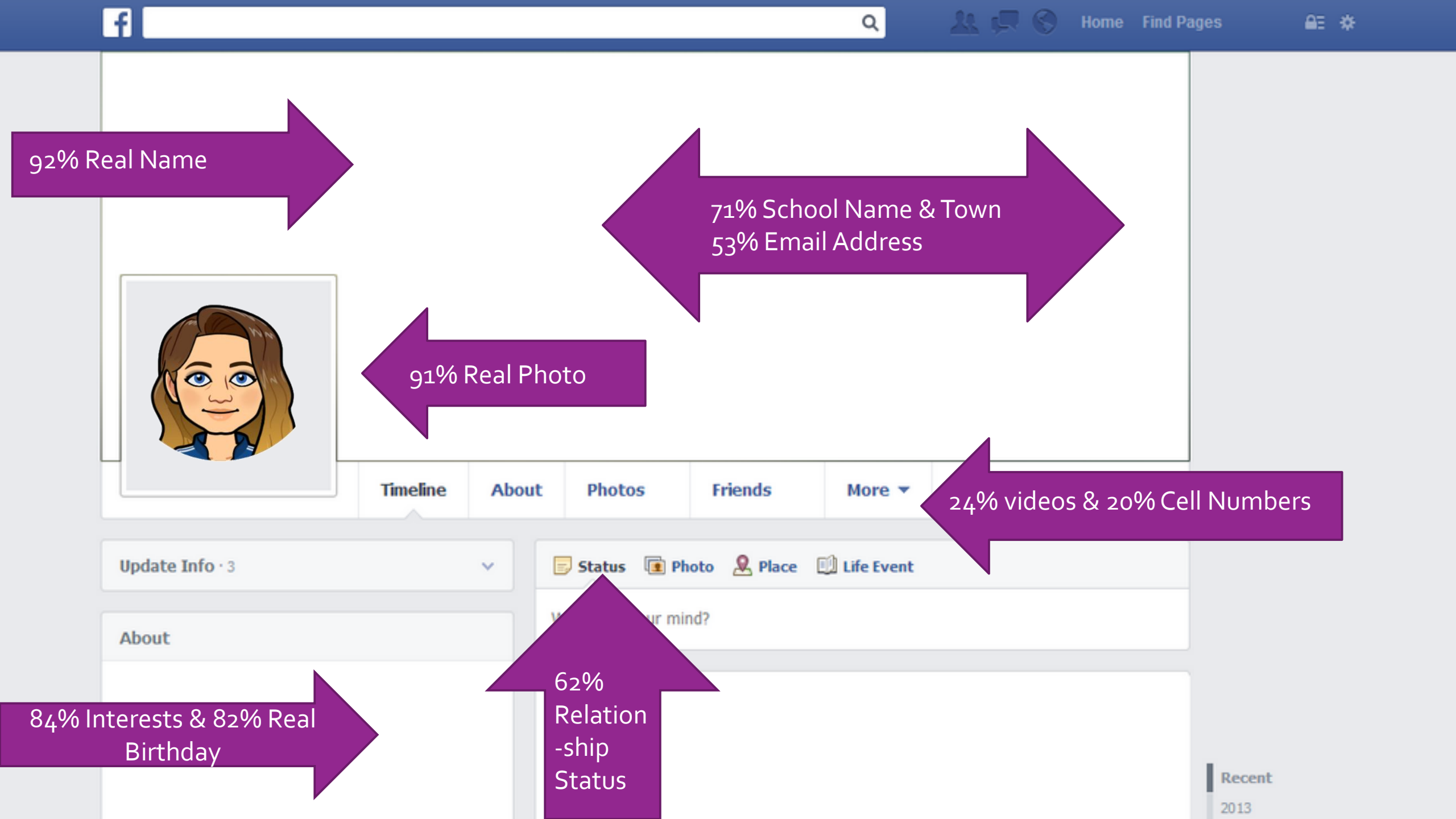
STALKING
IN REAL LIFE
ON FACEBOOK
VIEW SARAH'S POOL PARTY ALBUM...
JACKPOT.
endlessorigami.blogspot.com
CREEPY
SOCIALLY ACCEPTABLE

Did you know that....

- At over 5,000 words, Facebook's privacy policy is longer than the U.S. Constitution.

- 25% of Facebook users do not bother with any kind of privacy control.




Home
Find Pages
92% Real Name
71% School Name & Town
53% Email Address
91% Real Photo
Timeline
About
Photos
Friends
More
24% videos & 20% Cell Numbers
Update Info · 3
Status
Photo
Place
Life Event
About
62% Relation -ship Status
84% Interests & 82% Real Birthday
Recent
2013

Offenders & Social Networking

- Friending family, friends, significant others
- Impersonation
- Sending Messages/ Threats
- Inquiring/Gathering Information
- Using children's sites to gather info

Safety Planning Tools

- Social Networks
  - Know your privacy settings and use them; check them often
  - Be aware that not everyone will use the same settings
  - Tell your friends and family not to post pictures or information on you
  - Don’t feel like you have to friend everybody

Teens and **Social Networking**

- In-line privacy vs. overall privacy
  - 'Cancel' culture
- Linked apple ID- 'forget' device
  - Remove shared accounts; can be used to track

- Disable "Check-In" Application

Facebook allows photo tagging and "check in's" which could reveal a survivor's location. For safety purposes disable "friend tags" or "check-in" in the privacy settings.

Add an 'S' and/or Private Browsing

Safety Hands On: Controlling Your 'Media Presence'

Safety Hands On: How to get your FB activity Data

Create Page

Create Ads

Advertising on Facebook

Activity Log

Settings

Log Out

Help

Report a Problem

General Account Settings

Download a copy of your Facebook data.

Recognized Devices You have **4** recognized devices. Edit

Active Sessions

Current Session

Device Name: Ipad
Location: Alexandria, VA, US (Approximate)
Device Type: iPad

If you notice any unfamiliar devices or locations, click 'End Activity' to end the session. This list does not currently include sessions on Facebook's mobile site (m.facebook.com).

Last Accessed: **Tuesday at 5:26pm** End Activity
Location: Darlington, MD, US (Approximate)
Device Type: Facebook for Android

Last Accessed: **July 27 at 4:17pm** End Activity
Device Name: [redacted]
Location: Austin, TX, US (Approximate)
Device Type: IE on WinXP

Last Accessed: **July 25 at 9:24pm** End Activity
Location: Austin, TX, US (Approximate)
Device Type: Firefox on Win7

Last Accessed: **July 17 at 5:29pm** End Activity
Location: Austin, TX, US (Approximate)
Device Type: Facebook for iOS

Last Accessed: **July 15 at 8:46pm** End Activity
Location: Austin, TX, US (Approximate)
Device Type: IE on Win7

Last Accessed: **July 9 at 10:30pm** End Activity
Location: Austin, TX, US (Approximate)
Device Type: IE on Win7

Last Accessed: **May 30 at 11:13pm** End Activity
Location: Austin, TX, US (Approximate)
Device Type: Facebook for Android

Session Initiated: **May 30 at 11:13pm** End Activity
Application Name: Facebook for Android

Close

THE INTERNET

PRIVATE BECOMES PUBLIC: Data brokering industry is a multibillion dollar industry.

PUBLIC AGENCIES

Including assessor's offices and courthouses. Files with detailed property characteristics can cost more than $20,000 in Riverside and San Bernardino counties. Some records contain Social Security numbers.

PHONE BOOKS

Contain addresses and phone numbers.

CREDIT REPORTS

Contain Social Security numbers.

CONSUMER SURVEYS

Contain purchasing behavior information.

WARRANTY CARDS

Contain income, household and hobby information.

VOTER REGISTRATION DATABASES

Contain addresses and phone numbers.

DATA BROKER

Buys information from a variety of sources, then re-sells it to the public and private entities.

■ ChoicePoint, the subject of recent scrutiny, has 17 billion records.

SELLERS

BUYERS

MEDIA OUTLETS

To get background information on subjects of stories.

POLICE

To locate individuals and do background checks.

CRIMINALS

Privacy advocates worry that information can get into the hands of ID thieves and stalkers.

EMPLOYERS

To do background checks.

LANDLORDS

To do credit checks.

MAJOR BANKS, CREDIT CARDS COMPANIES, CAR COMPANIES

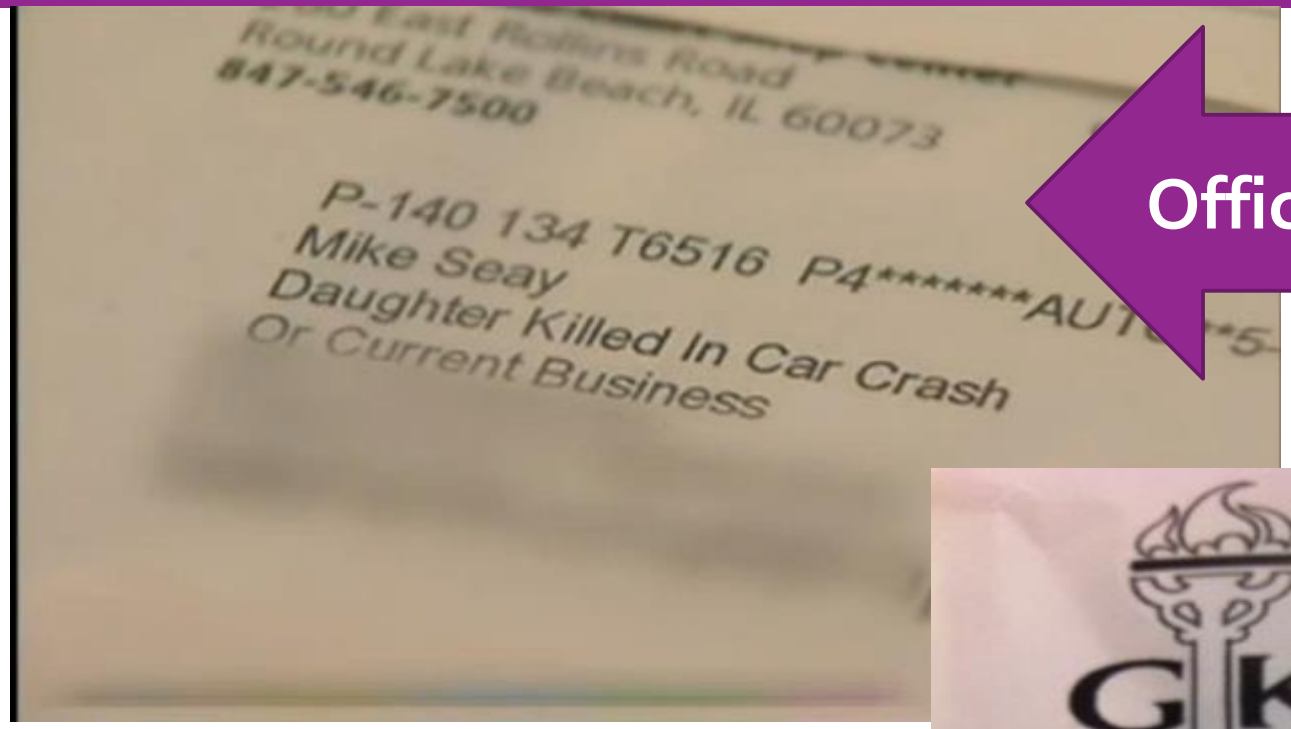
They send information about their own customers and get detailed profiles in return. This helps them tailor their marketing strategies.

FEDERAL GOVERNMENT

To identify people, for investigations.

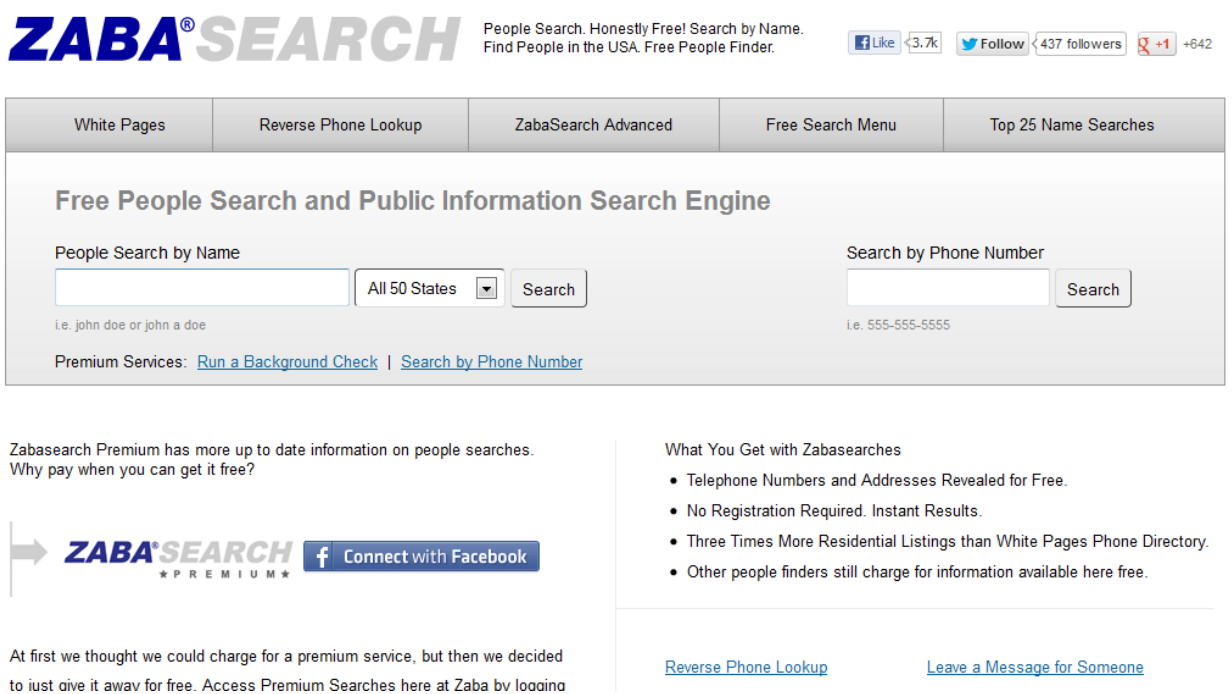
PRIVATE INVESTIGATORS

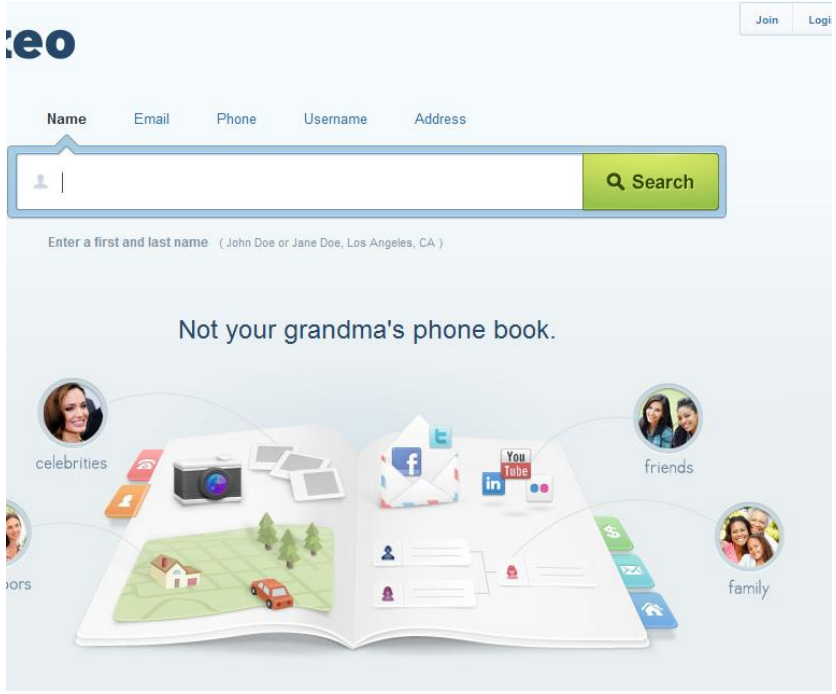
To locate people to do background checks.



OfficeMax

Bank of America





SAFETY HANDS ON: WHAT DO DATA BROKERS KNOW ABOUT YOU?

And More Safety Planning Tools

- Survivors can search their name on the internet so you know what is publicly available; but not often
- Talk with children about their use of technology

How To Remove It

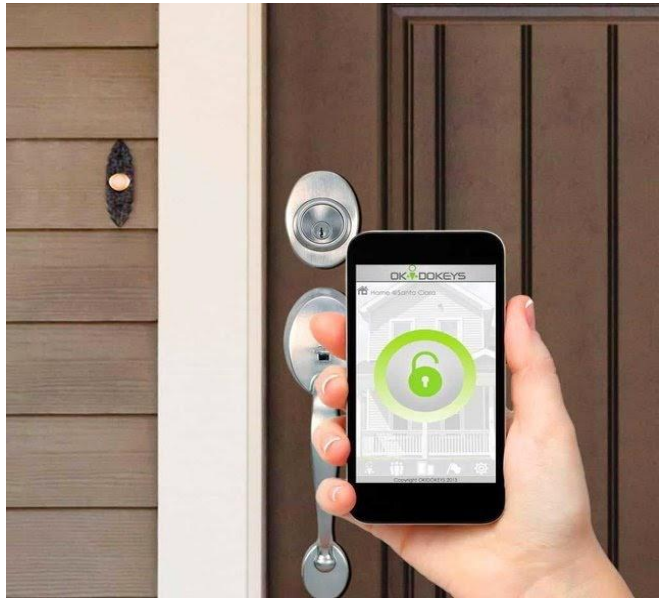
- Prevent your information from being shared by not giving it out.
- Remove it from the source.
  - Opt-out options.
- Reputation management companies
  - Abine.com
  - Reputation.com
  - SafeShepherd.com
    - www.safeshepherd.com/advocates
  - DMCAdefender.com

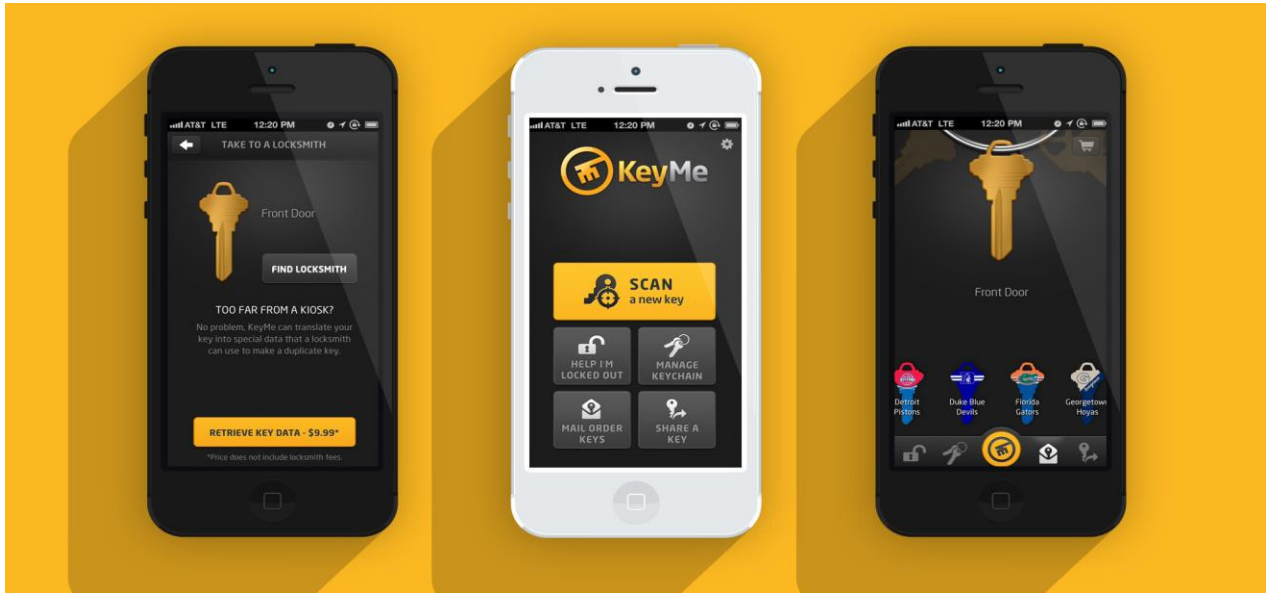
IOT DEVICES

Internet of Things

Fitness/wellness Devices

Connected Home





Hi-tech Pets

Microphone
Manual treat dispense
Power on LED
Low treat LED
Access latch
Display
Camera
Motion & sound detector
Speaker
Scent release openings
Treat chute

Petzi
TREAT CAM

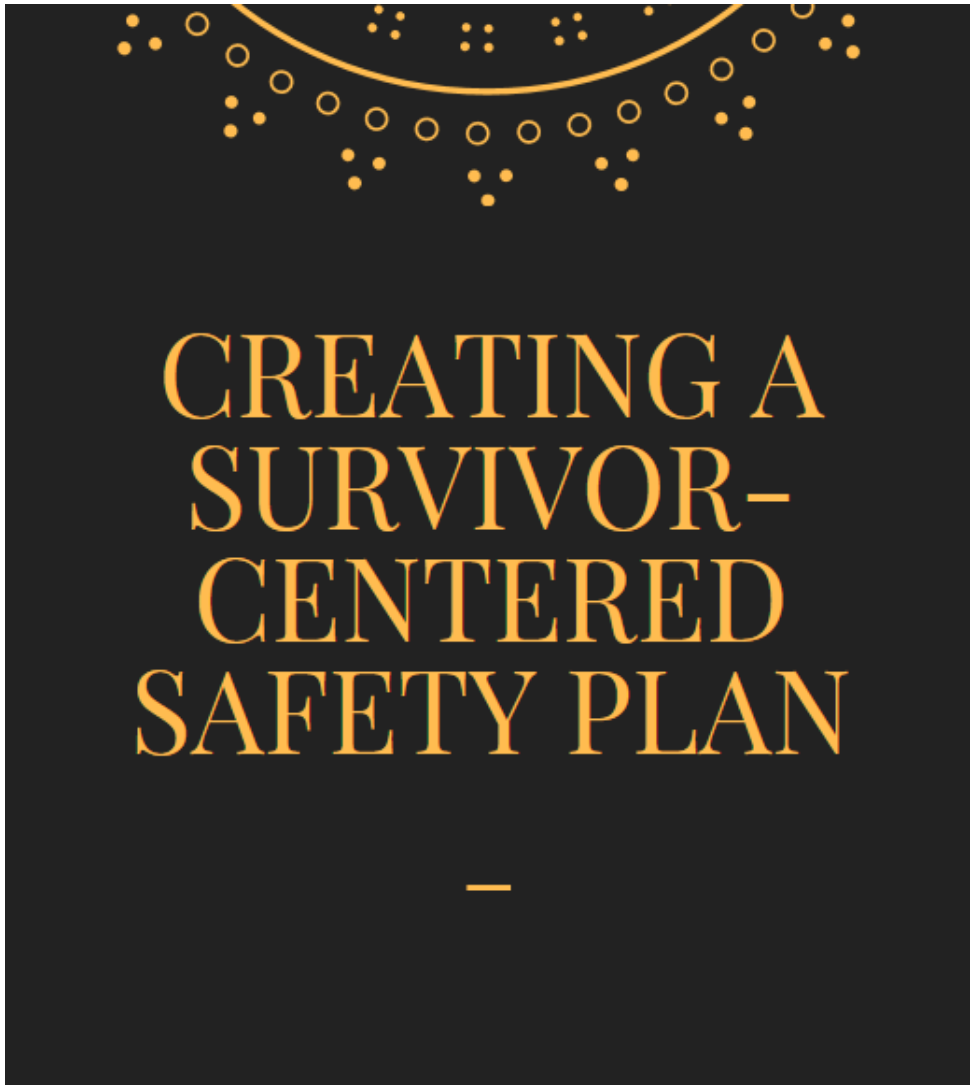
tractive
PET TRACKING

Smart Cars

hum
by verizon
Drive smarter, safer and more connected with Hum.
CREATE ACCOUNT

GEOFENCE
DWELL
ENTER
EXIT
E 85th St
Madison Ave
E 86th St
Madewell Madison Avenue
Marymount School of New York
Regis High School
E 84th St
E 83rd St
The Metropolitan Museum of Art
Robert Goldwater Library
Petrie Court
St Ignatius Loyola Church
E 81st St
E 80th St
PS 6 The Lillie Devereaux Blake School
Park Ave
E 82nd St
79th St Transverse
Hans Hollein Feigen Gallery

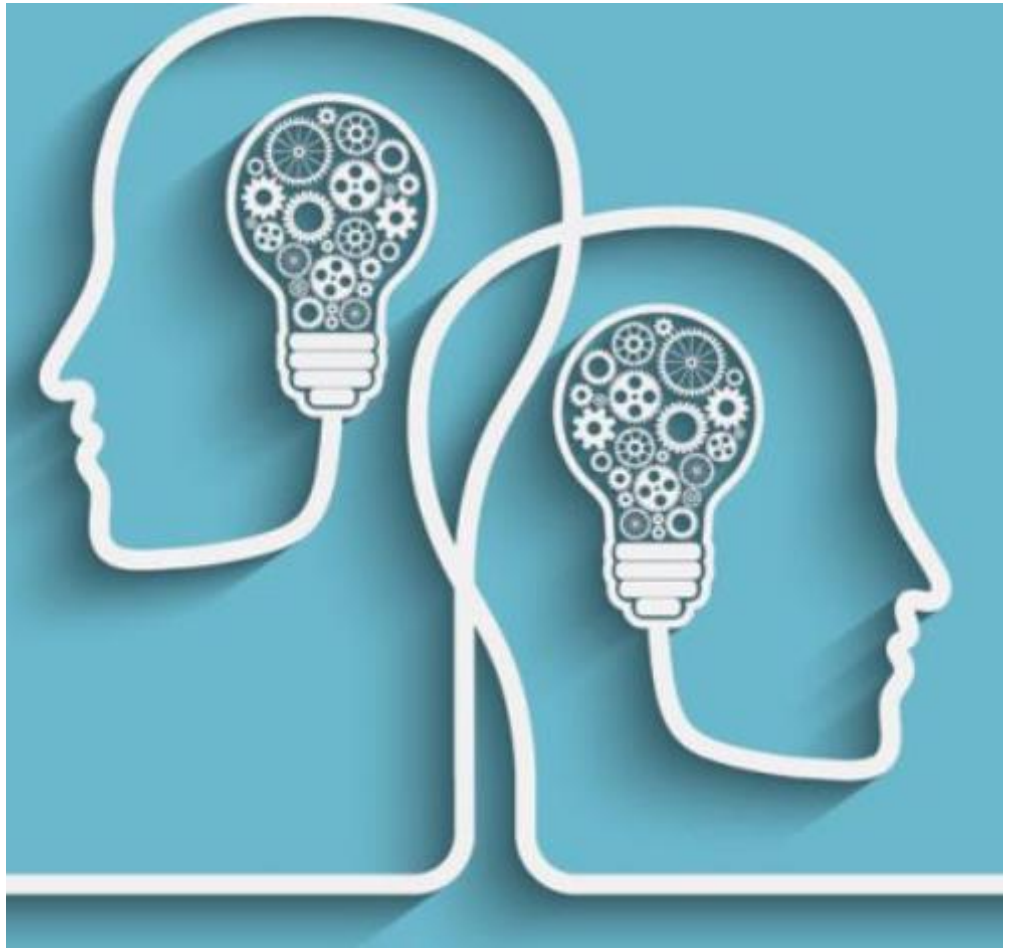
WIRED



#DIGITAL HYGIENE

Let's Apply Tech Safety!

- What is happening?
- Where is the information coming from?
- What does the survivor want to happen?
- What does the abusive partner already have access to and know?



Supportive Documentation

Keep a log

Save, save, save BUT only what you need to…

Abuser's use of tech?

Pics when safe

SAFETY FIRST

Safety Planning Tools for Victims

The Internet & E-mail

- Use a computer the abuser never had direct access to; like at a public library or college
- Have anti-virus software and use it to scan your computer
- Talk to friends/family about your privacy
- Have more than one e-mail account, including one that is not identifiable Be cautious of using the internet to purchase items or to join websites that require identifying information
- Know the privacy polices of websites
- If your abuser has access to the same computer be aware of deleting internet history; there are pros and cons
- NEVER open suspicious e-mails/attachments

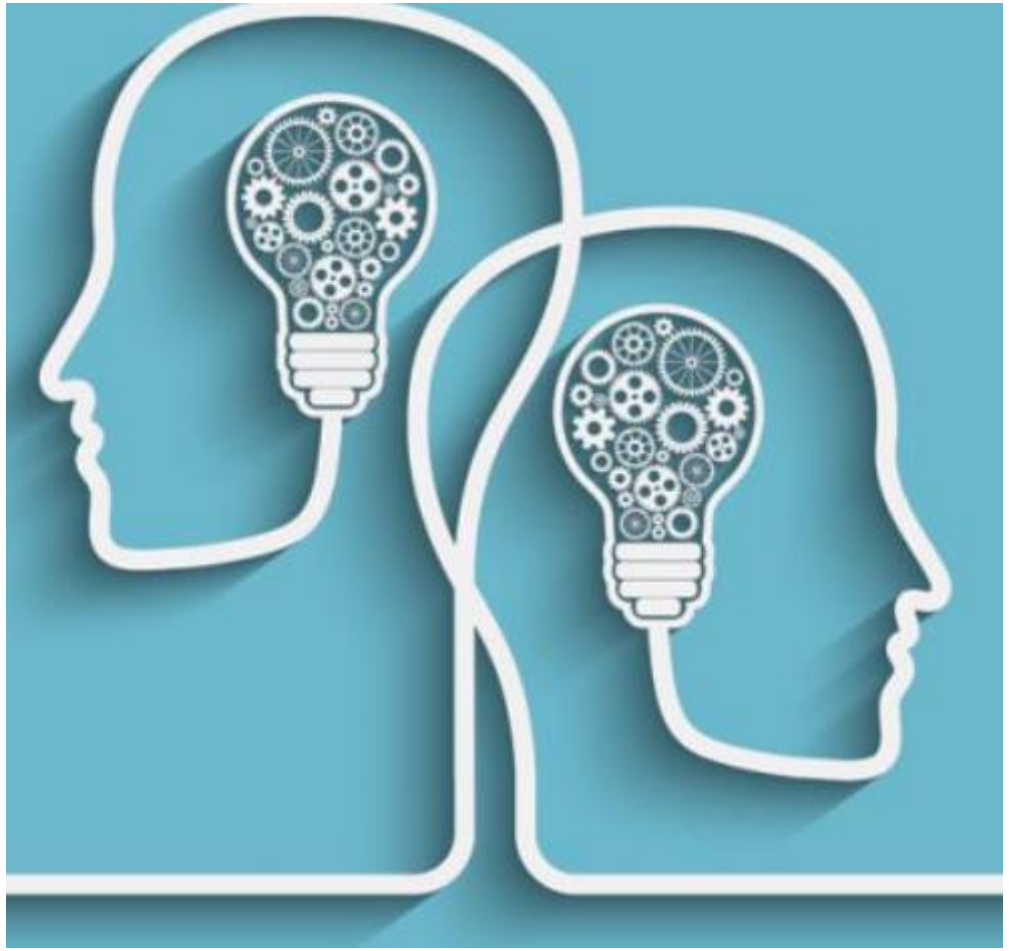
Safety Planning for Working Relationships

- Safety plan with the survivor immediately
- Don’t remove their technology
- Assess both the use of technology by the survivor as well as the offender
- Develop a relationship with your local law enforcement and know their preferred method of evidence collection
- Work with your local family violence program on safety planning.
- Don't contribute to the problem by allowing private data to be shared or compromised.

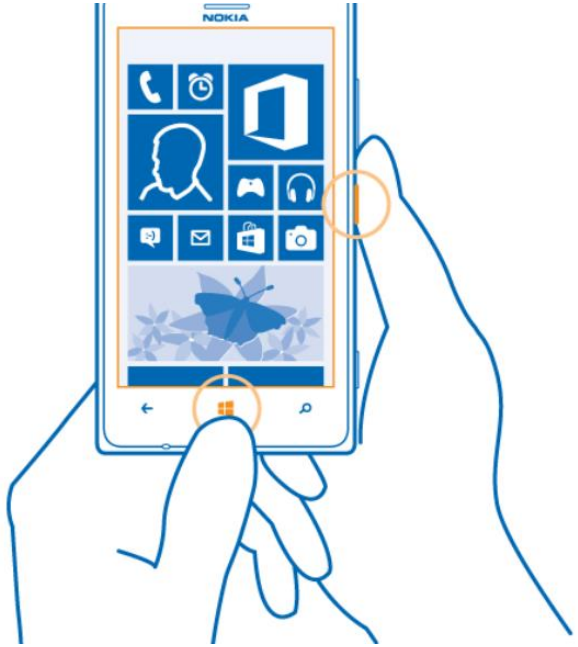
- Jamie and their partner broke up last month. Jamie's partner Taylor had been emotionally and physically abusive in the last two years of their relationship with the violence escalating in the last 6 months.
- Jamie left and is living with family along with their two children, ages 6 and 11.
- In the relationship Jamie noticed that Taylor often knew their location and ever since they separated Taylor often makes comments during visitation about places Jamie has been.
- Jamie is increasingly concerned about this and is asking you for help figuring out how Taylor know these things.

Let's Apply Tech Safety!

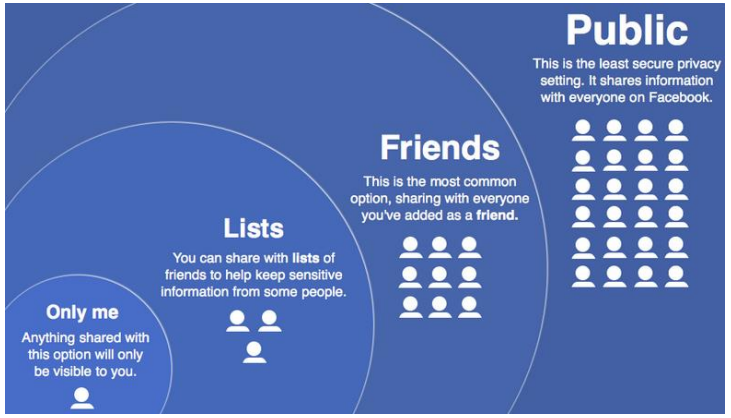
- What is happening?
- Where is the information coming from?
- What does the survivor want to happen?
- What does the abusive partner already have access to and know?

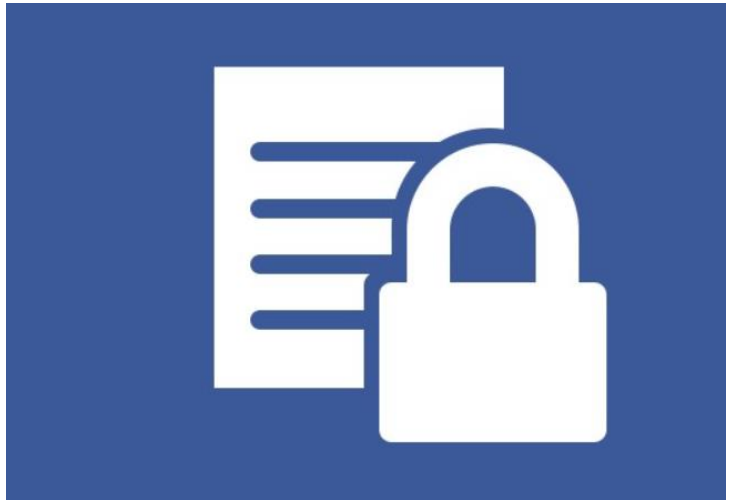


TOP
5
COUNTDOWN

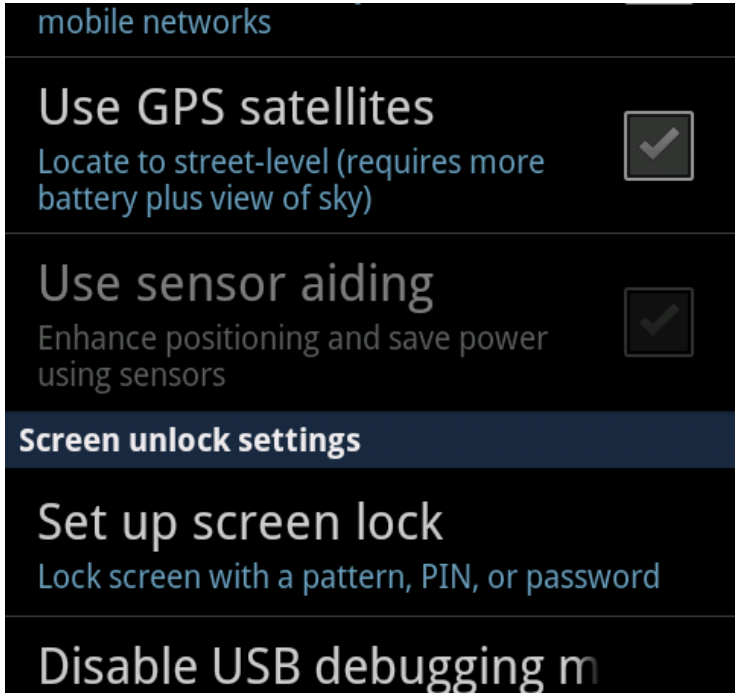


Screenshots!



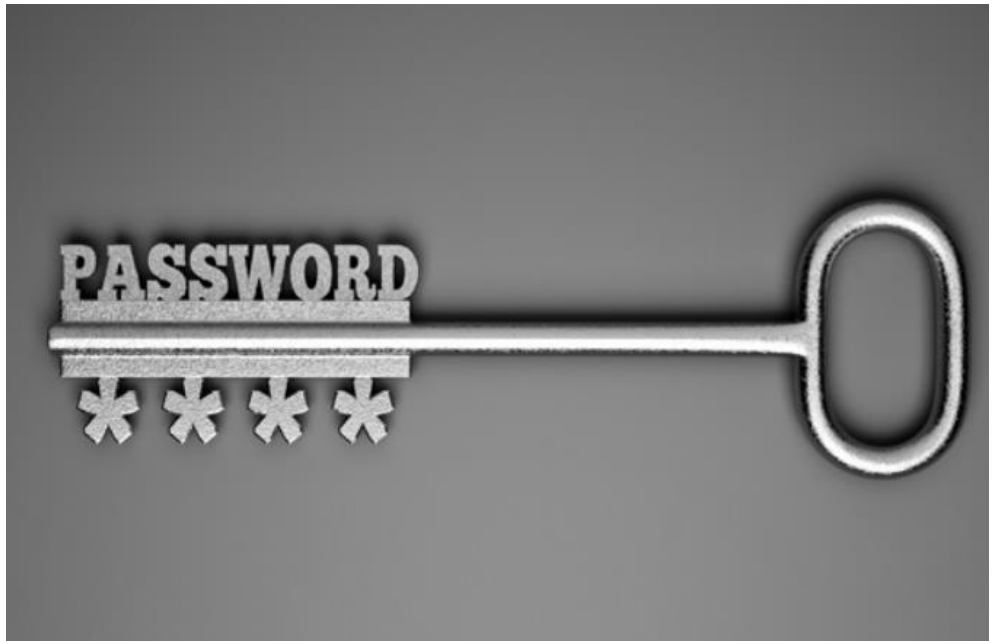


PRIVACY SETTINGS


mobile networks
Use GPS satellites
Locate to street-level (requires more battery plus view of sky)
Use sensor aiding
Enhance positioning and save power using sensors
Screen unlock settings
Set up screen lock
Lock screen with a pattern, PIN, or password
Disable USB debugging m

Location Services uses GPS, Bluetooth, and crowd-sourced Wi-Fi hotspot and cell tower locations to determine your approximate location.
About Location Services & Privacy...
Share My Location
This iPhone is being used for location sharing.
App Store
Never
Camera
Never

GPS



Password Privacy!

Trust.
Survivor’s.
Instincts.

Resources and Thanks!

- Thanks to the NNEDV Safety Net Project for Resources and Content: www.nnedv.org/safetynet

- Legal Systems Toolkit

https://www.techsafety.org/legal-toolkit

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