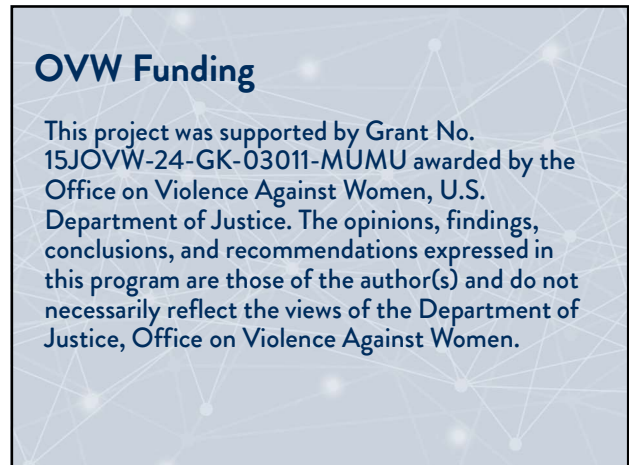




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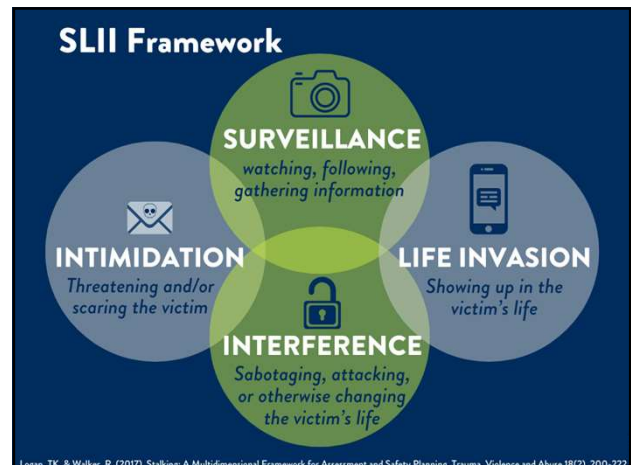
6

STALKING:
(TITLE IX DEFINITION)

A pattern of behavior directed at a specific person that would cause a reasonable person to feel **FEAR** for the person's safety or the safety of others; or suffer substantial emotional distress.

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<p>SURVEILLANCE</p> <ul style="list-style-type: none"> Smart home devices Tracking software Tracking devices Monitoring online activity Accessing online accounts Cameras or audio/video recording devices 	<p>LIFE INVASION</p> <ul style="list-style-type: none"> Unwanted contact online or through text messages, phone calls, or other platforms Impersonating victim Impersonating others to access the victim Hacking and/or controlling victim's accounts
<p>INTERFERENCE</p> <ul style="list-style-type: none"> Spreading rumors online Doxing Swatting Posing as victim and creating harm Posting private photos, videos, information online, real or fake Using technology to encourage others to harm the victim 	<p>INTIMIDATION</p> <ul style="list-style-type: none"> Online threats Blackmail Sextortion Threats to release private info, photos, or videos (real or fake) Threats to interfere with property, employment, finances, accounts

9

Tracking Location

SPARC STALKING PREVENTION, AWARENESS, AND RESOURCE CENTER

10

How Do Stalkers Track Location?

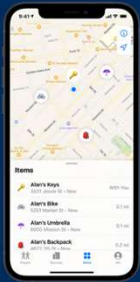
<p>Property Tags</p>	<p>Family Trackers</p>
<p>Access to and/or Shared Victim Accounts</p>	<p>Social Media Maps/Check-ins</p>
<p>Installed Stalkerware</p>	<p>Proxy Stalking</p>

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Understanding AirTags



- Shows current location, not location history
- Frequency of the location update varies
 - Depends on other devices in range
- While Tile requires people to have downloaded the Tile app for the location tracking to "ping," AirTag "pings" off any Apple device within 800 feet

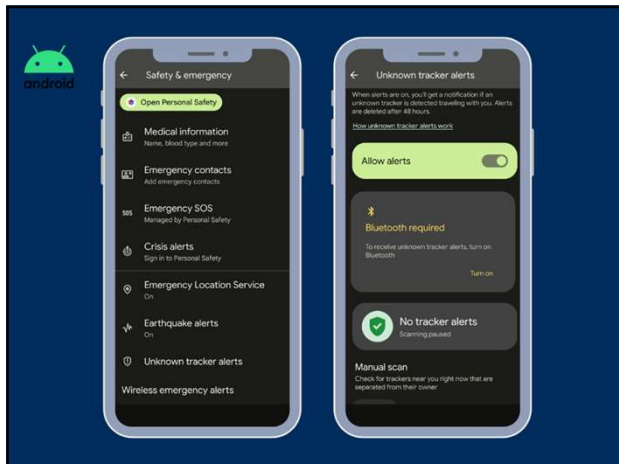
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Notification Limitations

- Alerts are inconsistent and designed to catch when device is traveling with the victim
- Most users are notified when they return home, not while traveling
- If the offender is present and/or in close proximity to victim regularly, notification is unlikely



14



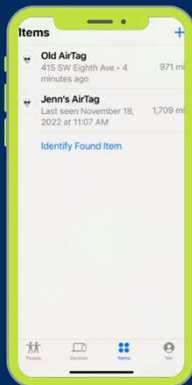
15

Apple: Search for "Find my" App



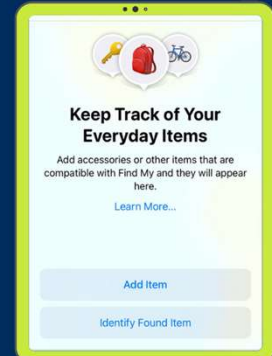
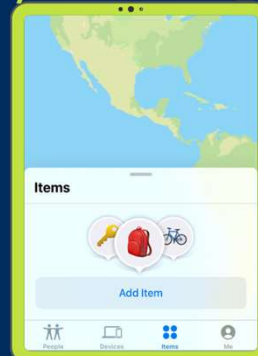
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If you have items associated with your account



17

If you DO NOT have items associated with your account

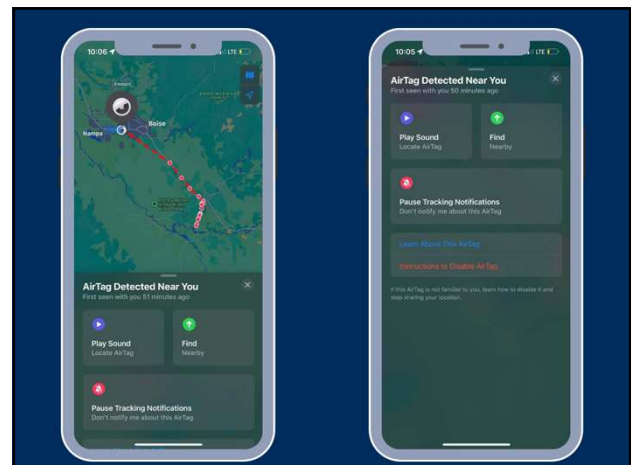


Swipe up to make "Identify Found Item" option appear

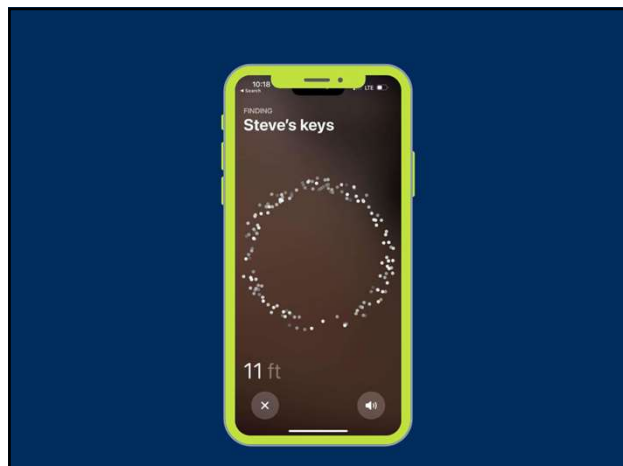
18



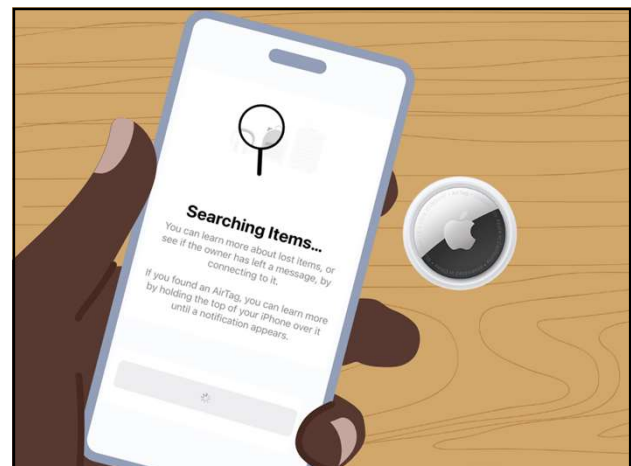
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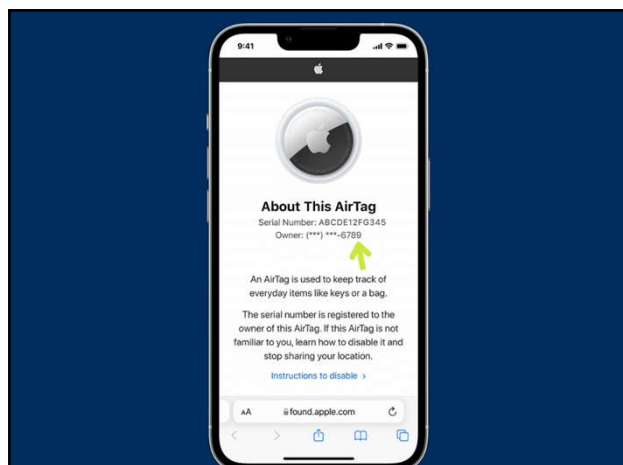
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23



24

*** Child trackers**

*** Pet trackers**

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Global Positioning System (GPS) Devices

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Location Sharing

- May be coerced
- Victim may not realize they are sharing their location
- A stalker may utilize multiple methods/applications to track their victims

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Percentage of People Checking In or Sharing Their Location By Platform and Privacy Settings

	Private	Public		Private	Public
Facebook	57.1%	42.9%	Snapchat	60.9%	39.1%
Instagram	43.5%	56.5%	Twitter	26.5%	73.5%

Nearly 1 in 4 people felt it's extremely or moderately safe to share their location on social media.

30.7% of people with Snapchat shared their location on the Snapchat map.

2020 ADT LLC dba ADT Security Services. <https://www.adt.com/resources/location-services-risks>

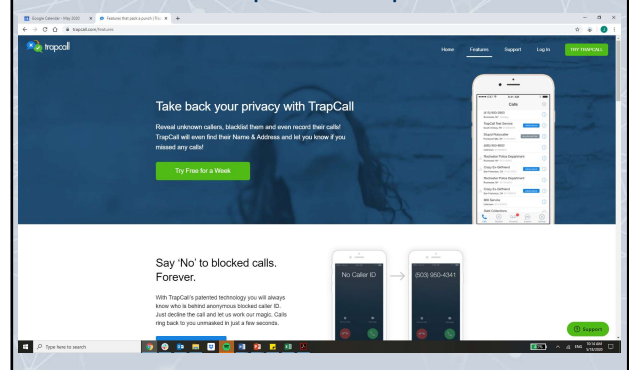
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Unidentified Caller

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*67 Calls: TrapCall (trapcall.com)



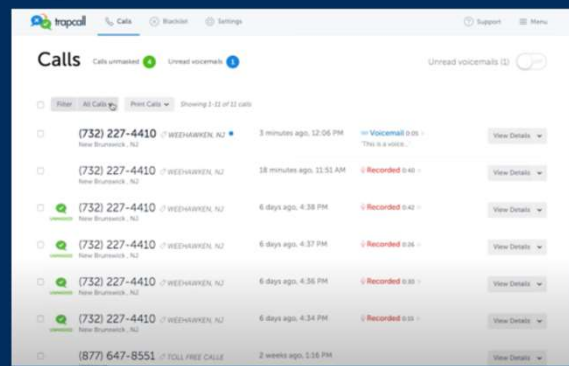
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Here's how to unmask calls with TrapCall

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Trap Call User Interface



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Spoofing

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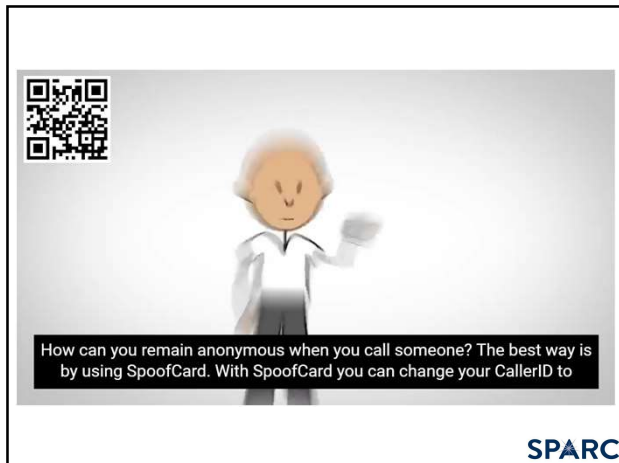
What You May Hear:



- "Numbers I don't recognize call and harass me."
- "I keep getting hang-up calls from random numbers."
- "It shows up as my mom/friend/someone I know, but it is the offender calling."
- "I know it's the offender, but it doesn't sound like them."
- "I blocked the offender, but they just keep calling me from different numbers."
- "People are saying I called them, but I didn't."



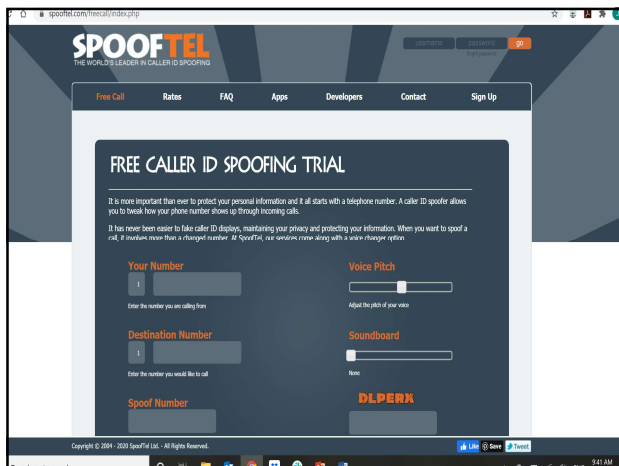
36



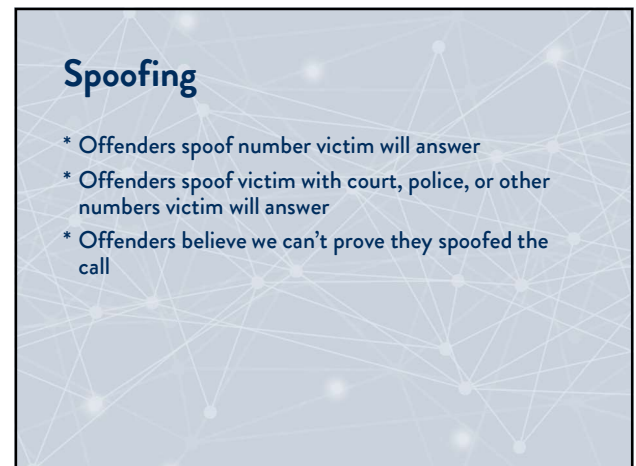
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Stalkerware: What You May Hear



- "They hacked my phone."
- "They hacked my account/s: e-mail, Facebook, Instagram, Snapchat..."
- "They're reading my texts."
- "They are listening to my calls."
- "They seem to know everything I've done on my phone."
- "They know my passwords and logins, even though I just changed them."
- "They have and/or are referencing pictures of me I took on my phone."
- "They keep showing up where I am."

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What is Stalkerware?

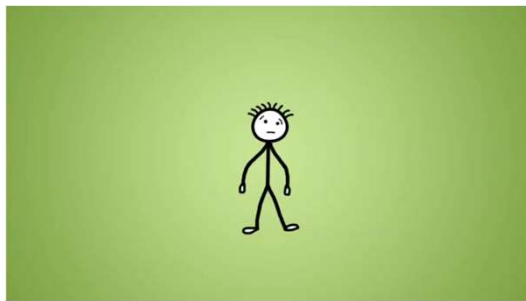


- Commercially available software used for spying
- Made for individual use
- Typically hides itself from the list of installed programs and does not display any activity notifications

COALITION AGAINST
STALKERWARE

44

Cell Phone Spyware

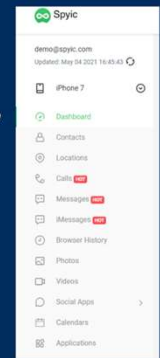


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About Stalkerware

- Physical access to the device is almost always required for installation
- Can be on both Apple and Android devices, but more common on Android
- Best to assume all activities on device are being monitored



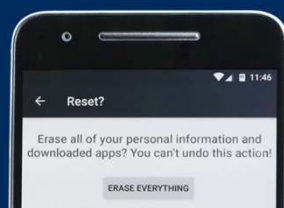
COALITION AGAINST
STALKERWARE

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Removing Stalkerware

All actions may cause potential safety concerns!

- Factory reset
 - Note: this also destroys the evidence
- Change passwords on all apps/accounts when re-installed
- Antivirus can sometimes remove stalkerware



COALITION AGAINST
STALKERWARE

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Non-Stalkerware Possibilities



SHARING SETTINGS

- Phone login and password security
- Cloud/Account Backup
- Family sharing, "find my device"

ACCOUNT ACCESS



- Individual accounts: e-mail, social media, dating websites
- Smart device accounts
- Previously shared accounts



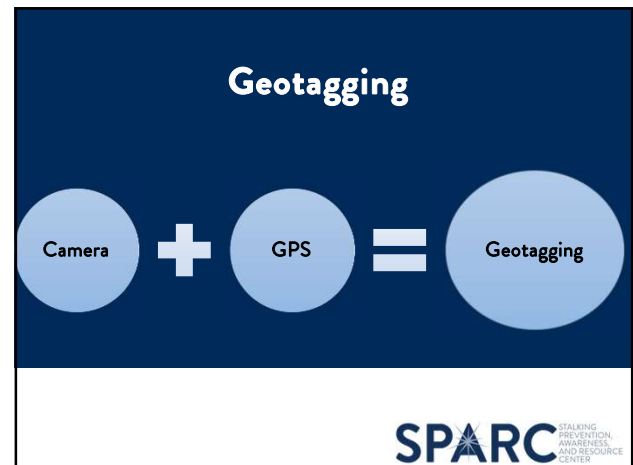
OTHER TOOLS

- Devices: GPS tracker, key logger, cameras, recording devices
- Friends, family, colleagues

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Exif Viewers Show Geo-Info

Exif: Exchangeable image file format: Descriptive data (meta-data) in an image file that include the date the photo was taken, resolution, shutter speed, focal length and geolocation

Exif Wizard
By homedatasheet.com,
Open iTunes to buy and download

[View in iTunes](#)

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EXIF Data

Jeffrey's Exif Viewer

From Web Image URL: [View Image At](#)

Basic Image Information

Tag: file: IMG_0011.JPG

Camera:	Apple iPhone 6
Lens:	iPhone 6 back camera 4.15mm f2.2 Shot at 4.2 mm Digital Zoom: 2.36294363x
Exposure:	Auto exposure, Program AE, 1/30 sec, f/2.2, ISO 200
Flash:	Off, Did not fire
Date:	March 2, 2016 7:50:15PM (timezone not specified) (1 hour, 11 minutes, 4 seconds ago, assuming image timezone of US Pacific)
Location:	Latitude/longitude: 38° 58' 1.9" North, 92° 22' 26.2" West (18.96728, -92.373947)
Location guessed from coordinates: 2200 Interstate 70 Dr 38F, Columbia, MO 65201, USA	
Map via embedded coordinates at: Google, Yahoo, Wahoo, OpenStreetMap, Bing (also see the Google Maps page below)	
Altitude:	221 meters (726 feet)
File:	3,264 × 2,448 JPEG (8.0 megapixels) 1,191,426 bytes (1.1 megabytes)
Color Encoding:	WARNING: Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly. Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my introduction to Digital Image Color Spaces for more information.

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Google My Activity

Web & App Activity

Your Web & App Activity includes the things you do on Google services, like Maps, Search, and Play. It can also include things you do on sites, apps, and devices that use Google services or your voice and audio recordings. The activity you keep is used to give you more personalized experiences, like faster searches and more helpful app and content recommendations.

You can see your activity, delete it manually, or choose to delete it automatically using the controls on this page. [Learn more](#)

☒ **Saving activity**
Your Web & App Activity is on
Saving audio is off

☐ **Auto-delete (Off)**
Choose an auto-delete option

Google protects your privacy and security. [Manage My Activity verification](#)

Search your activity

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iCloud

Good evening, Michael.

[Account Settings](#)

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Find Yourself...

- * FastPeopleSearch.com
- * TruePeopleSearch.com
- * PeopleSearchNow.com

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Technology-Facilitated Stalking and Sexual Assault

SPARC STALKING PREVENTION, AWARENESS, AND RESOURCE CENTER

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Sexual Assault, Stalking, & Technology



- Offenders use technology to facilitate and cover up sexual violence
 - Using platforms to find and groom victims (messages, online communities)
 - Gifts that monitor or allow access
- Misusing access to publicly available data to gain information
- Threats to disseminate intimate images
 - Including those acquired through surveillance cameras
- Sexual exploitation/trafficking via tech



57

DENVER 04/07/2010 05:12 am ET | Updated Dec 06, 2017

Jebidiah Stipe, Wyoming Marine, Solicited Ex-Girlfriend's Rape And Assault On Craigslist

Details emerge in Web rape case

California Marine also tried to solicit rape of ex-wife, authorities say

By WILLIAM BROWNING - Star-Tribune staff writer Feb 5, 2019

Judge gives man 60 years in Craigslist rape case

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Dating App Facilitated Sexual Assault (DAppSAs)



- 14% of the 1,968 rapes committed by acquaintances occurred during an initial meetup arranged through a dating app
- High percentage of victims with self-reported mental illness (59.6%)
- More violent SAs than acquaintance SAs
 - Increased strangulation (32.4%); assaultive/penetrative acts; and victim injuries, especially anogenital and breast injuries



"Due to the increased violent nature of DAppSAs, the researchers propose that sexual predators use dating apps as hunting grounds for vulnerable victims."

Valentine, J. L., Miles, L. W., Mella Hamblin, K., & Worthen Gibson, A. (2020). Dating App Facilitated Sexual Assault: A Retrospective Review of Sexual Assault Medical Forensic Examination Charts. *Journal of Interpersonal Violence*, 35(19-20), 6209-6222.

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Dating App Concerns

- Use proximity-based location
- No screening out of sexual offenders
- DAppSA more likely to be currently enrolled college students (compared to non DAppSA victims)
- Male victims -- percentage of DAppSA male victims was 2x more than rate of nonDAppSA male victims
- DAppSA victims were significantly more likely to self-report mental health and chronic medical issues



Valentine, J. L., Miles, L. W., Mella Hamblin, K., & Worthen Gibson, A. (2020). Dating App Facilitated Sexual Assault: A Retrospective Review of Sexual Assault Medical Forensic Examination Charts. *Journal of Interpersonal Violence*, 35(19-20), 6209-6222.

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Non-Consensual Distribution of Intimate Images

SPARC STALKING PREVENTION, AWARENESS, AND RESOURCE CENTER

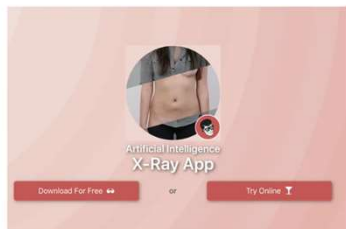
61

16% OF VICTIMS 18-24 YEARS OLD REPORT THAT THE STALKER SHARED NUDE, SEMI-NUDE, AND/OR SEXUALLY EXPLICIT PHOTOS OR VIDEOS OF THEM

Brady, P. Q., & Woodward-Griener, V. (2018). The Intersection of Stalking and Sexual Assault Among Emerging Adults: Unpublished Preliminary Results. nYolk Findings, 2018.

62

New AI deepfake app creates nude images of women in seconds



/ The resulting fakes could be used to shame, harass, and intimidate their targets

By JAMES VINCENT
Jun 27, 2019, 6:23 AM EDT | 0 Comments | 0 News

The Deepfake app creates AI fakes at the click of a button.

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Nonconsensual Image Resources

#CCRI
Cyber Civil Rights Initiative

Image Abuse Helpline:
1-844-878-2274
CyberCivilRights.org

StopNCII.org
Stop Non-Consensual Intimate Image Abuse

C.A.GOLDBERG
VICTIMS' RIGHTS LAW FIRM
www.cagoldberglaw.com

DMCA DEFENDER
DMCADefender.com



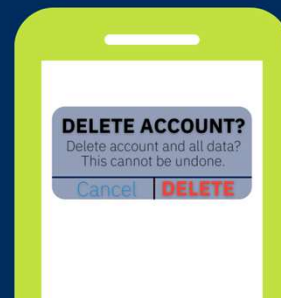
64

Use of Technology to Stalk Responding to Victims

SPARC STALKING PREVENTION, AWARENESS, AND RESOURCE CENTER

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Should victims just log off?



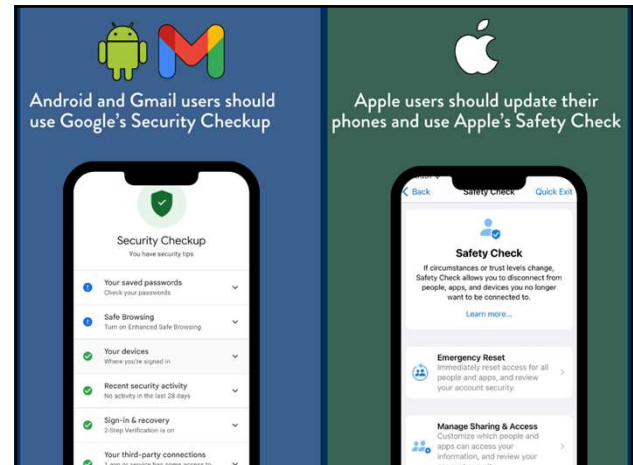
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Safety Planning and Technology

Victims may consider:

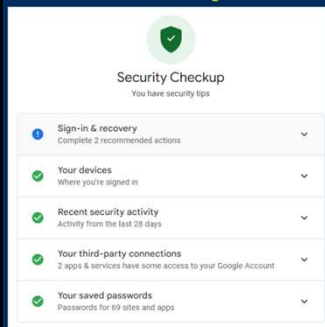
- Secure passwords
- Hard-to-guess security questions
- Enable 2-factor authentication
- Use a second, safer device when/if possible
- Learn about settings and location-sharing defaults, set these intentionally
- Be mindful of smart device and social media usage

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Gmail Safety Check



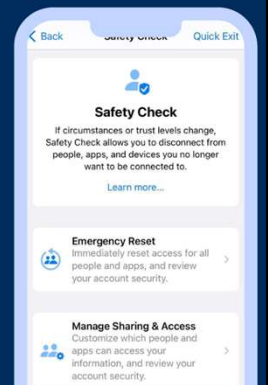
[MyAccount/Google.com/security-checkup](https://myaccount.google.com/security-checkup)

- Gmail account is connected to and controls key safety elements of Android phones
- Gmail account is also key to many important accounts for password reset
- Go to Security Checkup and review all tabs
 - Check access, sign-in, recovery, and sharing - including e-mail forwarding or linked accounts

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Apple Safety Check

- Where?
 - Settings > Privacy and Security > Safety Check
- Why?
 - Location tracking, text messages, phone call history, e-mails, credit cards
 - Highest risk!



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Documentation

- * Screenshot or take photos of call log / text conversation
- * Overlap screenshots / photos
- * Capture time and date
- * Take screenshot / photo of the contact info
- * Consider apps like Tailor or StitchIt



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Facebook Documentation

- * Capture and save screenshots (PrntScr)
- * Some sites offer a "download your information" service in account settings



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Technology & Stalking: Big Picture

- * **Believe victims.** Offenders can misuse technology a variety of creative ways to access, contact, and monitor their victims.
- * **This technology is out there – and it’s easy to use.** Offenders don’t have to be particularly “tech savvy” to terrorize victims through technology.
- * **Build knowledge on privacy/sharing settings across applications and devices.** Sharing settings/defaults are often not intuitive.
- * **Ask specific questions about offender contact and knowledge.** This can better help you collect evidence and safety plan.
- * **Consider both evidence preservation and victim safety.** See if the victim has access to a safer device.
- * **Charge relevant technology-related crimes** (when appropriate and applicable).

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Wrap Up & Resources

SPARC STALKING
PREVENTION,
AWARENESS,
AND RESOURCE
CENTER

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JUST TECH

INVESTIGATION & PROSECUTION OF ONLINE ABUSE

Targeting prosecutors and law enforcement officers, Just Tech aims to increase the likelihood of positive case outcomes and victim experiences, as well as address the disproportionate impact of online abuse experienced by underserved communities.

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Tech Safety

Welcome to the Tech Safety App. This app contains information that can help someone identify technology-facilitated harassment, stalking, or abuse and includes tips on what can be done.



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For Victims



**Victim
Connect**
resource center

Confidential referrals for crime victims **855-4-VICTIM**

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STALKING INCIDENT LOG

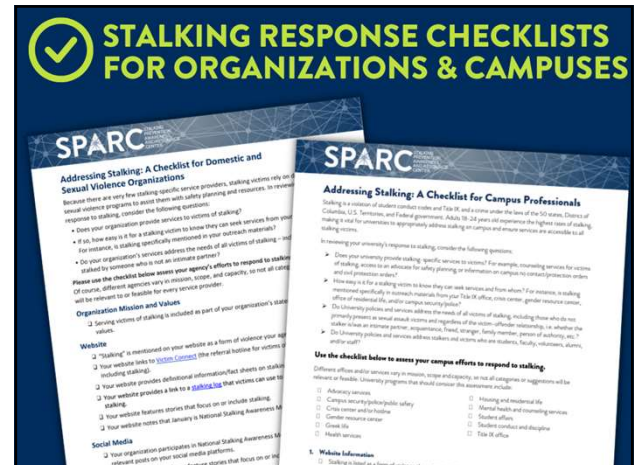
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SPARC TALKING
PREVENTION,
AWAY FROM
AND RESOURCE
CENTER

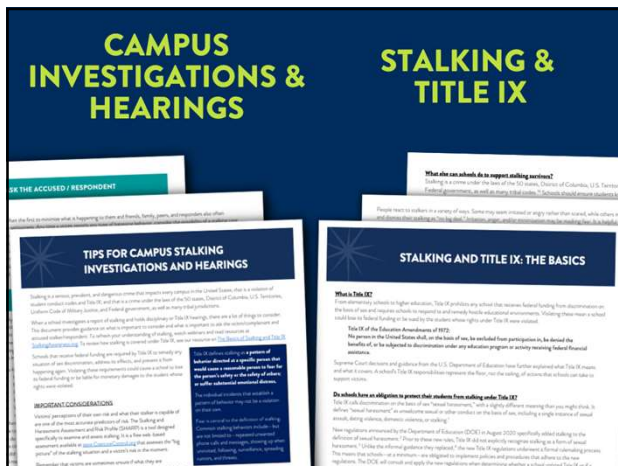
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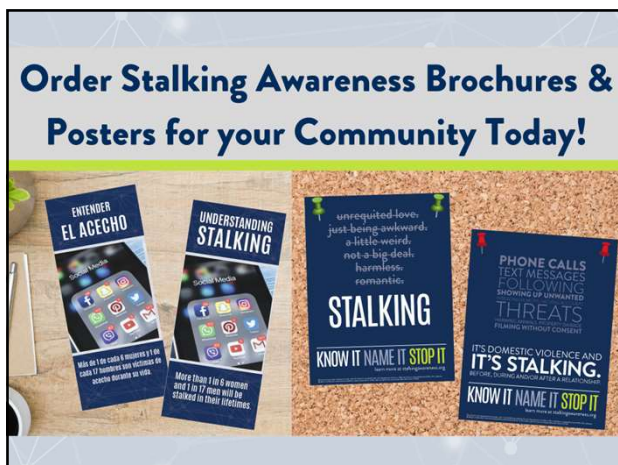
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@FollowUsLegally

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