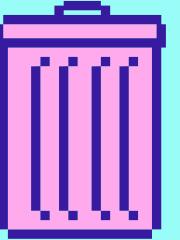
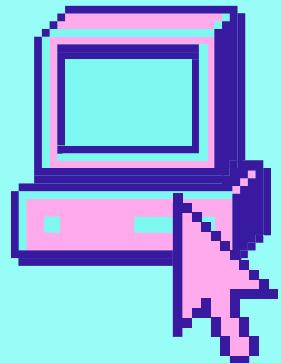
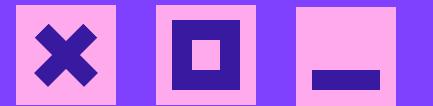


JULY 9TH, THURSDAY, 7 - 8 PM



# STREET SMARTS!!

Tips/Strategies for Staying CyberSafe  
in the Streets



# OVERVIEW

INTRO



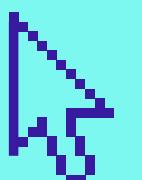
STRATEGIES



BEFORE,  
ON THE GROUND,  
AFTER

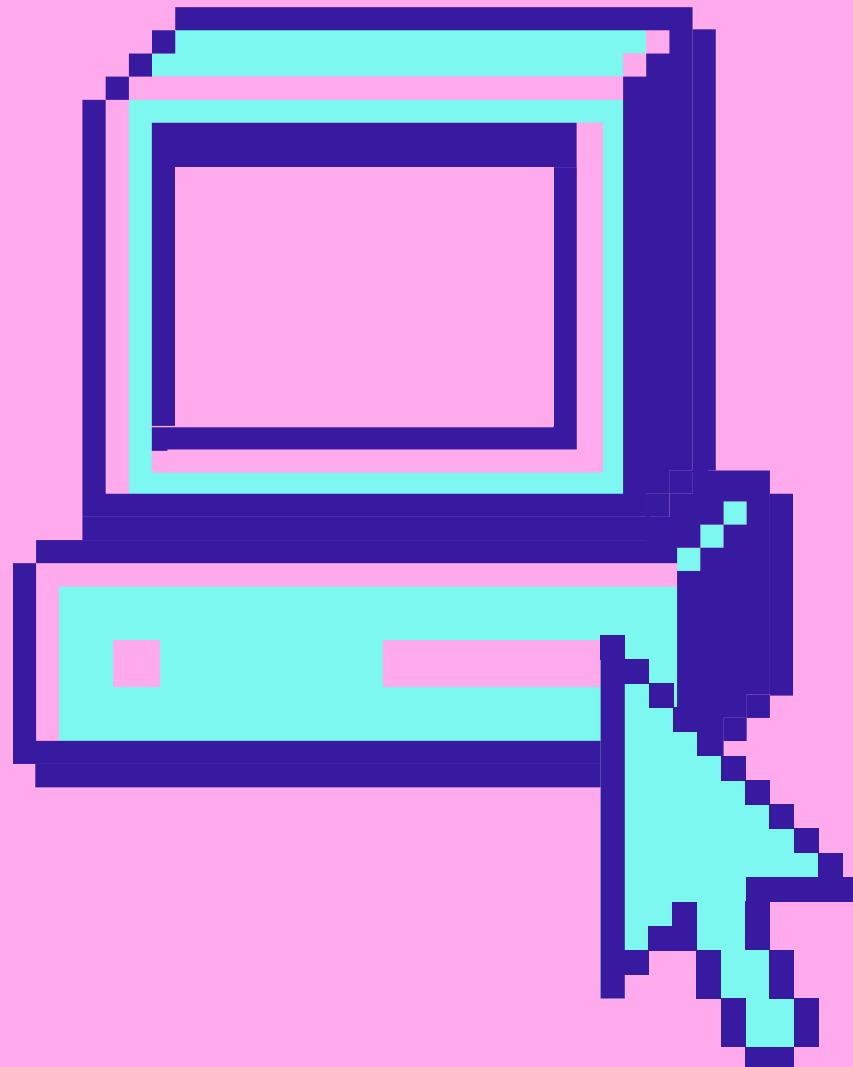


Q+A



## WHO ARE WE?

We are...



The Cypurr Collective:  
A group of folks that organize  
cybersecurity events, looking to spread  
knowledge and talk about privacy rights!

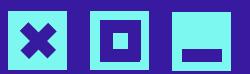
Established April 2016

Just some folks interested in making safer  
spaces for others to flesh their privacy  
needs



## A FEW RULES FOR THE WORKSHOP

- Share the space - Step Up Step Back:  
Ask a question, give a comment, leave room for others to speak
- Stack! - Raise your hand and we will put you on the speaking queue
- Saf(er) Space
- We DO NOT tolerate language or behavior purposefully meant to demean or harm folks based on their identities
- No one should be forced to discuss their own experience/threat model/situation
- Photo/Video- No photo/video without asking!
- Bonus Rule: Try not to invalidate experiences!

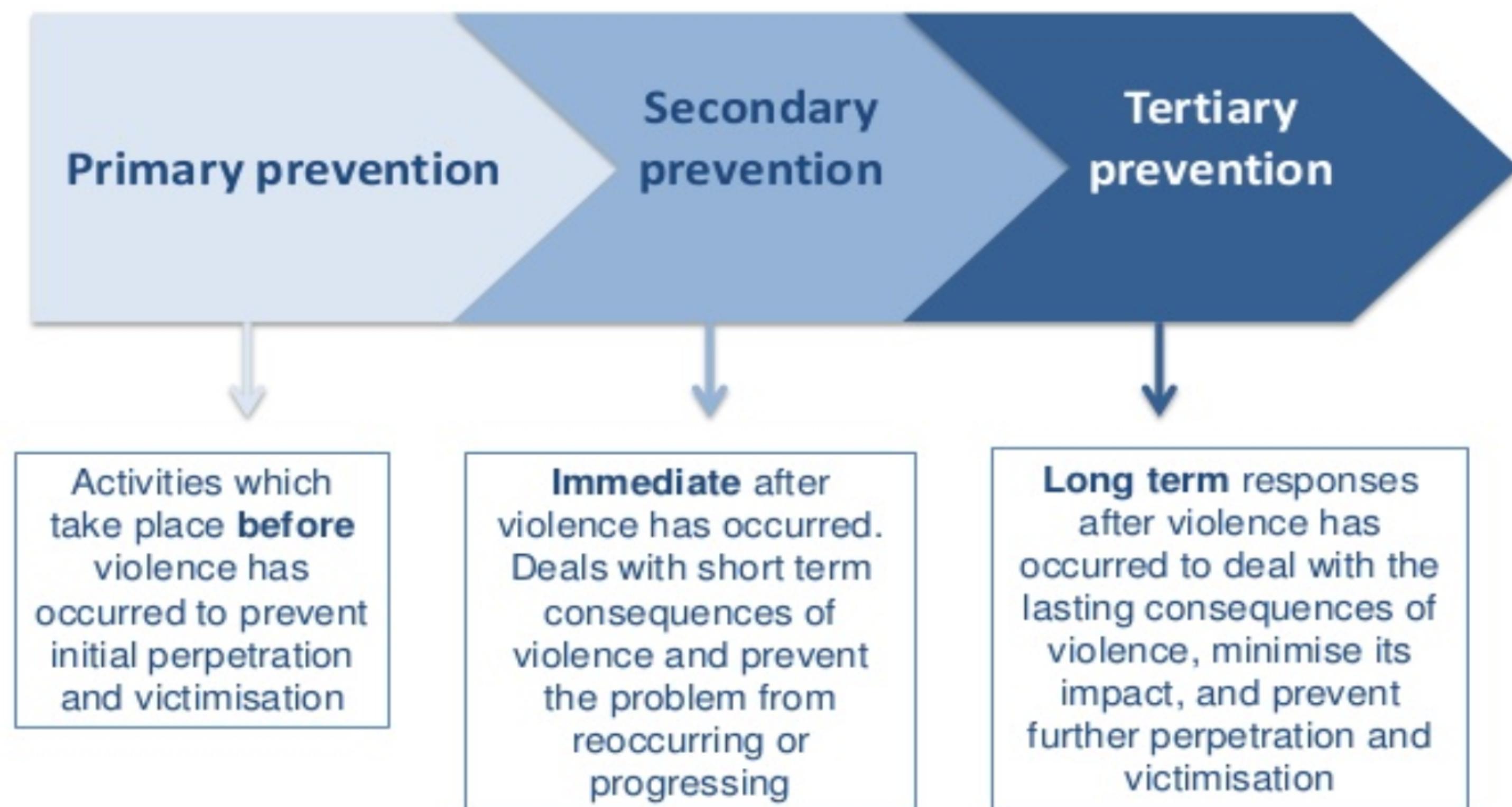


“A way of thinking about the sorts of protection you want for your data so you can decide which potential threats you are going to take seriously. It's impossible to protect against every kind of trick or adversary, so you should concentrate on which people might want your data, what they might want from it, and how they might get it. Coming up with a set of possible threats you plan to protect against is called threat modeling or assessing your risks.”



- EFF SURVEILLANCE SELF-  
DEFENSE

# The prevention spectrum



Privacy



Security

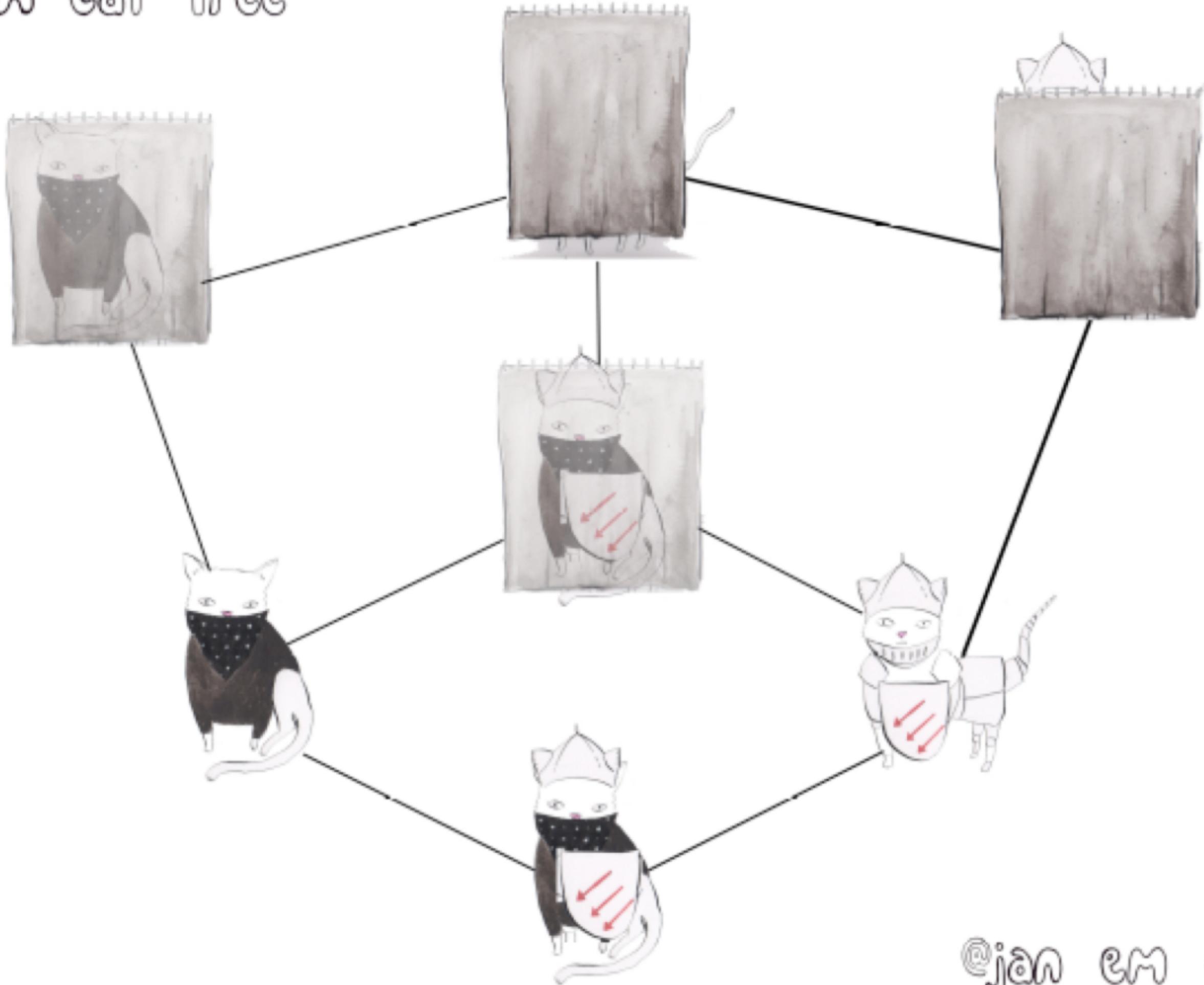


Anonymous



@jan\_em\_dee

# PSA Cat Tree



@jan\_em\_dee



## RISK ASSESSMENT

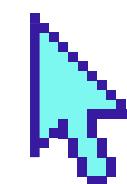
“What are you protecting?”

“Who are you protecting it from?”

“What resources do they have to take it from you?”

“What are you willing to do to protect it?”

“What vulnerabilities do you need to fill to better protect it?”



# HOLISTIC SECURITY (TACTICAL TECH COLLECTIVE)

## Holistic Security

### △ Physical Security

Threats to our physical integrity. Threats to our homes, buildings, vehicles.

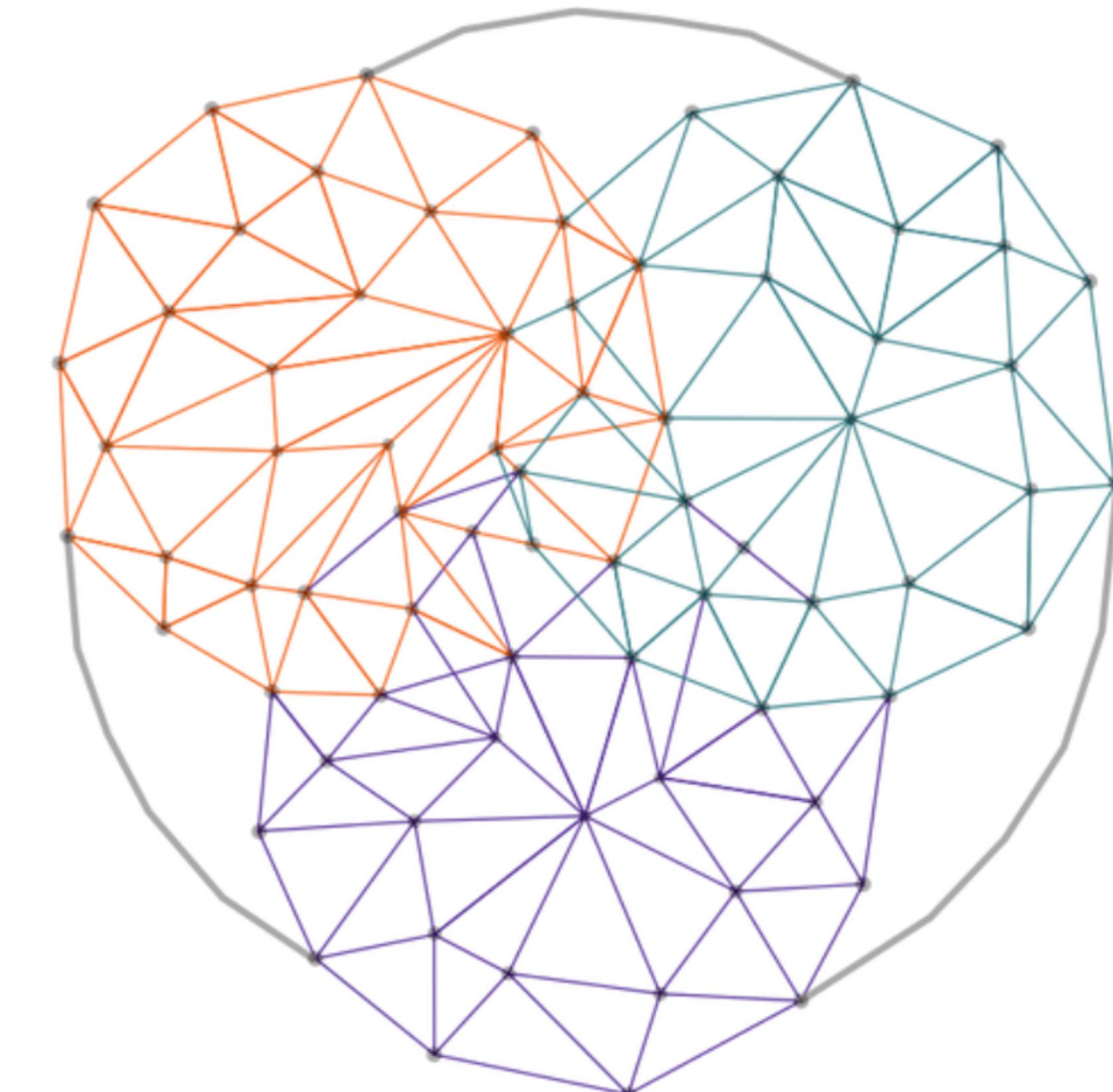
### △ Psycho-social Security

Threats to our psychological wellbeing.

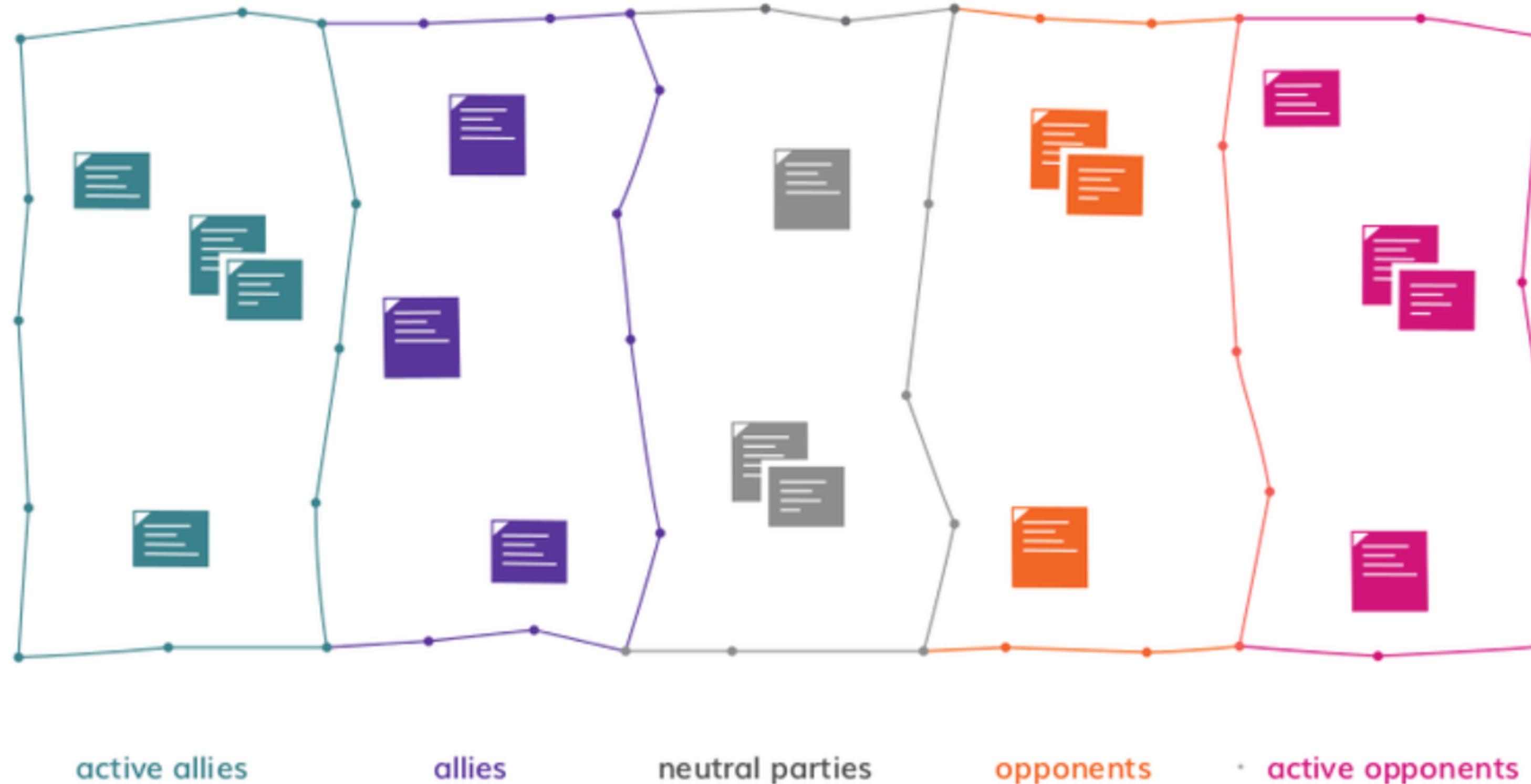
### △ Digital Security

Threats to our information, communication and equipment.

- Holistic security analysis, strategies and tactics.

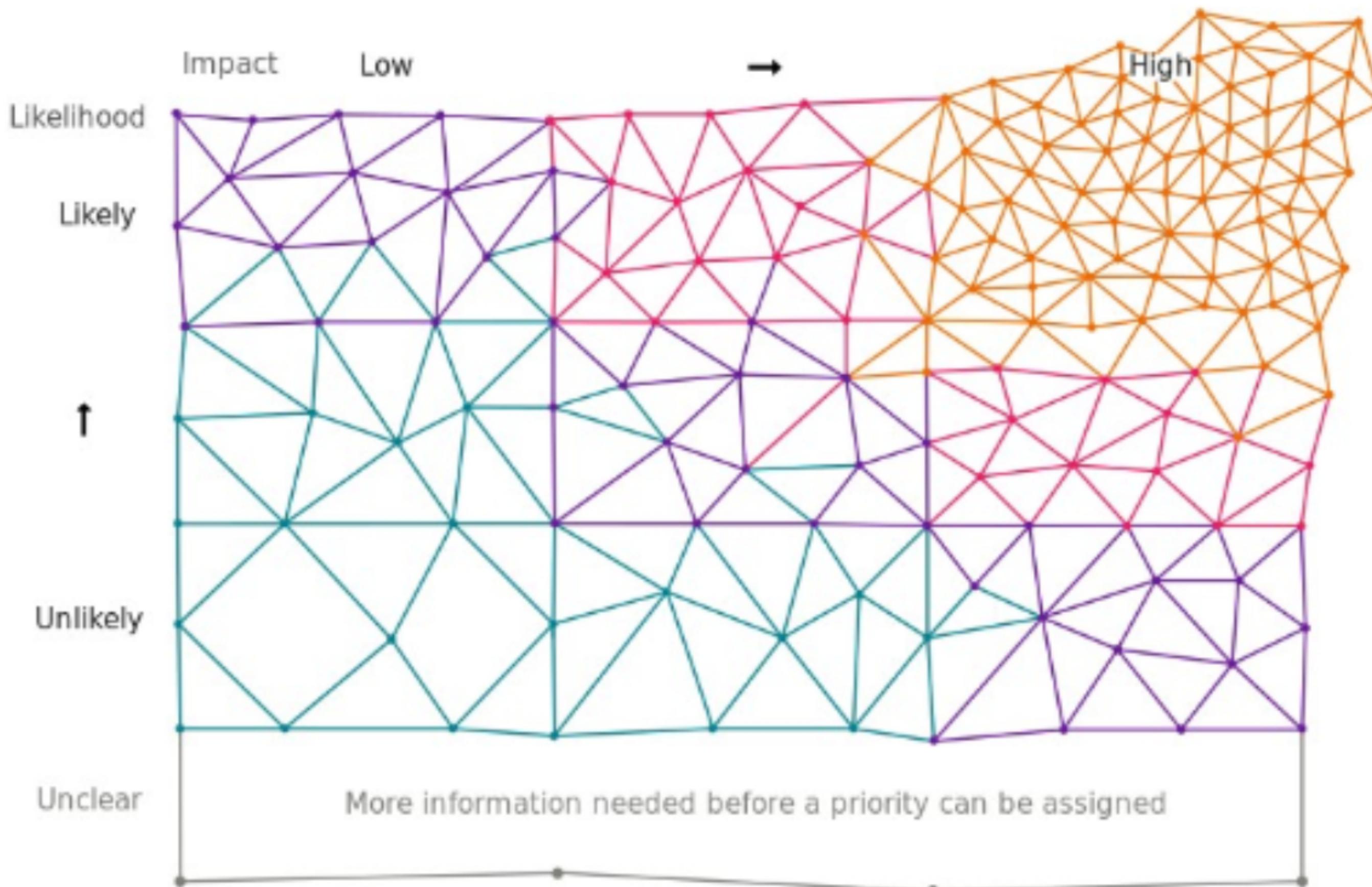


# Spectrum of Allies



## Threat Matrix

Risk      ▲ Low    ▲▲ Medium    ▲▲▲ High





# HOLISTIC SECURITY

- WHAT'S WORKING ALREADY? (EXISTING CAPACITIES)
- WHAT NEEDS WORK? GAPS? (VULNERABILITIES)  
STRATEGIES
- ACCEPTANCE-RAISING SUPPORT
- DETERRENCE-RAISING COST OF ATTACK
- PROTECTION-BUILDING STRENGTH TO MAKE ATTACK  
HARDER

## HARM REDUCTION



Harm reduction is a set of practical strategies and ideas aimed at reducing negative consequences associated with drug use. Harm Reduction is also a movement for social justice built on a belief in, and respect for, the rights of people who use drugs.

Harm reduction incorporates a spectrum of strategies from safer use, to managed use to abstinence to meet drug users “where they’re at,” addressing conditions of use along with the use itself. Because harm reduction demands that interventions and policies designed to serve drug users reflect specific individual and community needs, there is no universal definition of or formula for implementing harm reduction.

-Harm Reduction Coalition

# KNOW YOUR RIGHTS

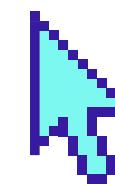


BEFORE, ON THE GROUND, AND  
AFTER



## BEFORE...

- Dress Accordingly!
- Masks (for quarantine of course)
- Cover up tattoos
- Watch out for Weather
- Leave the flare at home
- To Research: Privacy fashion!
- Make a plan! Get a buddy!
- Write down a legal aid number!
- NYC: (212) 679-6018
- Supplies
- Water
- Backpacks
- Snacks!
- First Aid stuff!



## SHOULD I BRING MY PHONE?

No?

- Completely understandable!
- Limits to strategies against surveillance tools
- Could use burner as alternate

Yes?

- Act as if your phone will be taken
- Backup and Unload
- Airplane Mode
- Encryption
- Geotagging
- Signal!

## BEFORE... HOW CAN YOU HIDE YOUR LOCATION AND IDENTITY?



- BUY A PREPAID, DISPOSABLE PHONEP
- REPAYD SIM-CARD: DOES NOT REQUIRE ID
- PREPAID MOBILE PHONE ALONG WITH A SIM CARD: REMEMBER YOUR NEW PHONE NUMBER AND SHARE WITH FRIENDS
- REMEMBER THAT THE LOCATION OF MOBILE DEVICES CAN BE DETERMINED BY THE CELL TOWERS THEY CONNECT TO. TURN OFF THE PHONE WHEN YOU'RE HOME OR SOMEWHERE THAT CAN REVEAL YOUR IDENTITY.
- WHEN YOU'RE DONE WITH THE PHONE, IT CAN BE SAFELY RECYCLED OR DISCARDED FROM A LOCATION THAT IS NOT LINKED TO YOU.

# ENABLE AIRPLANE MODE AND TURN OFF LOCATION SERVICES

- Using GPS should be safe, since GPS is a receiver and does not transmit any information. However, keep in mind that your device may store your coordinates. For this reason, we suggest you turn off location services before you travel to the protest, and leave it off until you return.
- Download area maps and plan meeting spots ahead of time
- Consider biking or walking. **Prevents license plate readers from recording your vehicle's exact time, date, and location**

# ENCRYPTION

- Disable biometric unlocking, like FaceID or fingerprint features, and use a six-digit passcode instead. An officer could try to physically force you to unlock your device.
- Take photos/videos without unlocking your device.
- Backup your data. Your device may be damaged, lost, stolen, or confiscate.
- Enable full-disk encryption on your device.
- Wear nondescript clothing and cover identifying features. Avoid being identified through face and tattoo recognition technologies.

- Why we like:

- Encrypted Messaging
- Group Chat
- Video Calls
- Open Source
- Verify Number
- Disappearing Messages
- Collects minimal data

Day you created account

Last day you signed on

# SIGNAL



- **Signalboost+ signalboost.info**

## ...ON THE GROUND...

- Take photos and videos without unlocking your device
- Be mindful of other protestors in your photos and videosTake photos/videos without unlocking your device.

...ON THE GROUND...

## IF POLICE STOP OR ARREST YOU

- You can refuse to provide your password or unlock your device,
- You should tell the police, ‘I choose to remain silent,’ and ask for a lawyer
- If you speak, don’t lie
- Be aware police might seize your phone and try to search it later with a warrant, and you may be booked into custody
- Remember: every protest is different, so these tips are general suggestions for better data security and do not constitute legal advice or counseling. If you have specific legal concerns, seek the advice of a licensed attorney.
- We encourage those whose arrests involved digital rights issues to contact us at [info@eff.org](mailto:info@eff.org)

# ...ON THE GROUND...

## Identifying Street Surveillance

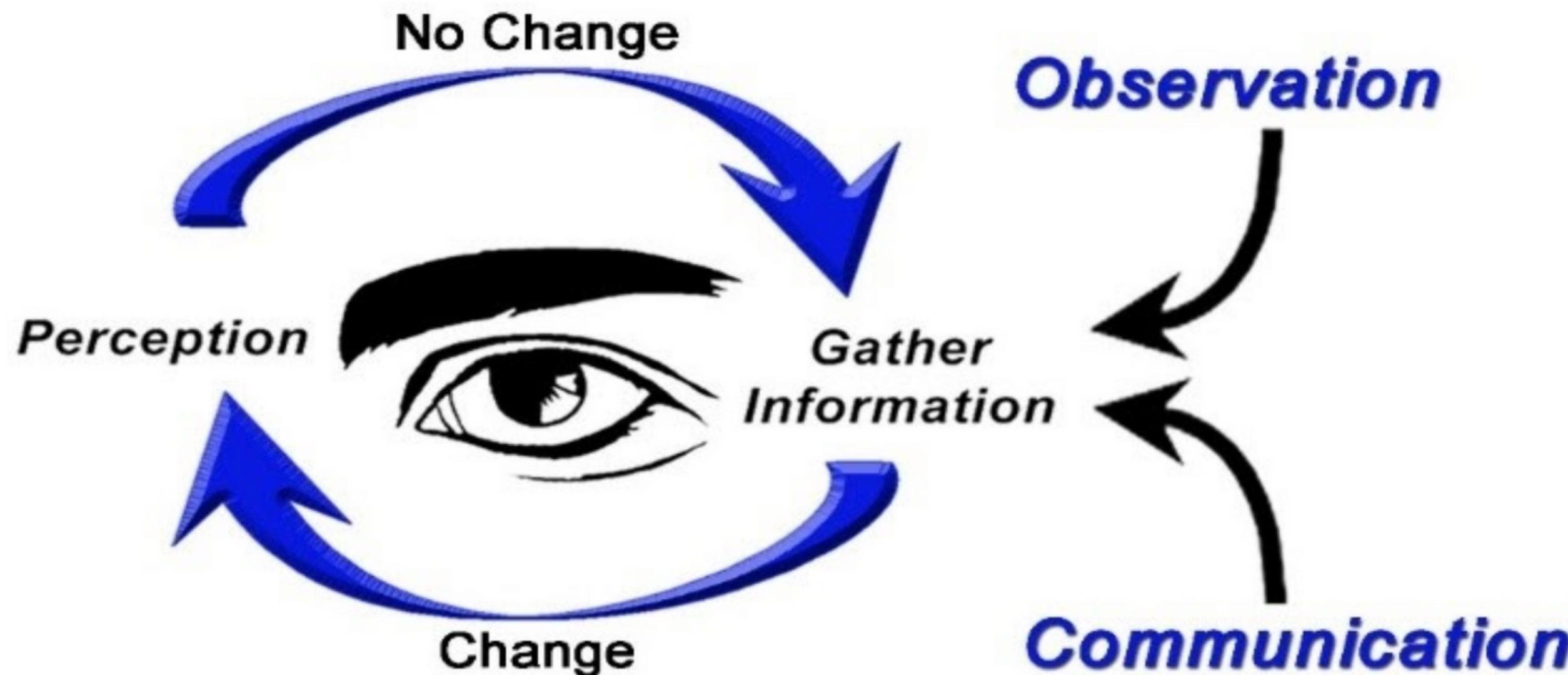
- Automated License Plate Readers
- Body Cameras
- Cell-Site Simulator/IMSI Catcher/StingRay
- Face Recognition
- Tattoo Recognition
- Iris Recognition
- Security Cameras
- Drones
- Electronic Monitoring
- Gunshot Detection
- Infrared Cameras
- Mobile surveillance towers
- Security Communication Center
- DAP (in NYC)/Integration Software



Fun Fact: POST Act NYC

# ...ON THE GROUND

- Situational Awareness



# ...AND AFTER

- Holistic Security
- Mental Health
- Physical Health
- Digital Health
- Be aware of what you post!
- Beware of Burnout!

# THE RIOT IS ONE NIGHT...



# CONCLUSION

## *Main Themes*

- Prioritize Security in planning convos
- Create Safe Space for folks to discuss security
- Talk often!

*Security isn't antithetical to...*

- Action
- Risk
- Progress
- Success



## Q+A AND RESOURCES

- Cypurr.nyc
- Holistic Security/Tactical Tech Collective
- EFF Security Education Companion
- CryptoParty Harlem
- Research Resources -  
<https://tinyurl.com/ycjg7325>

