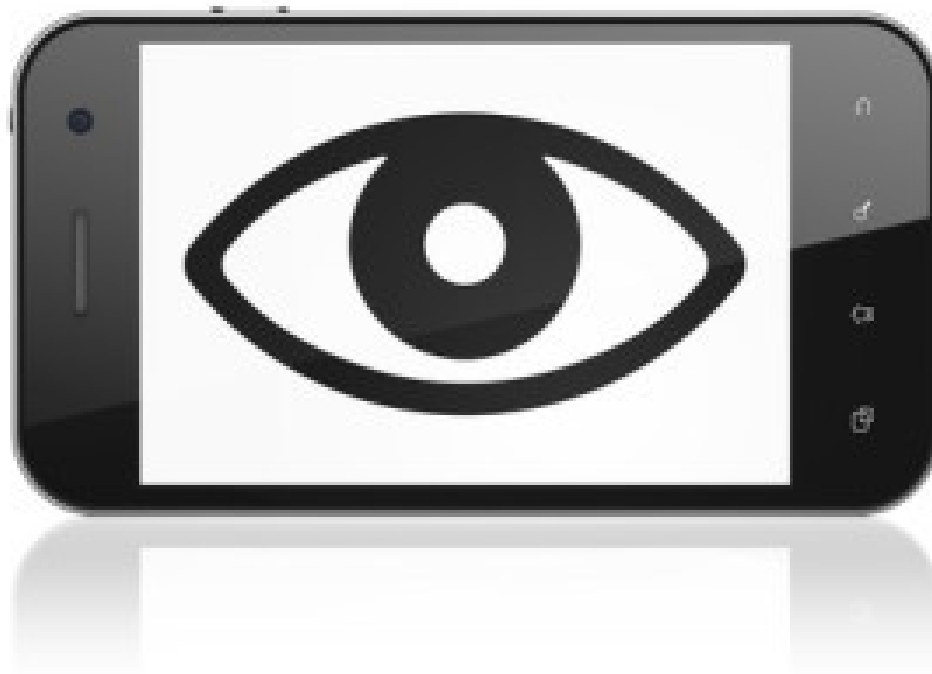
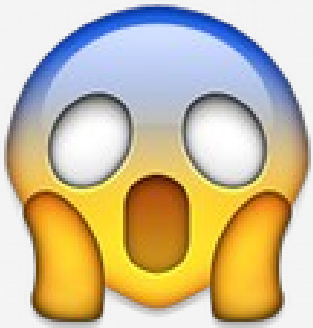
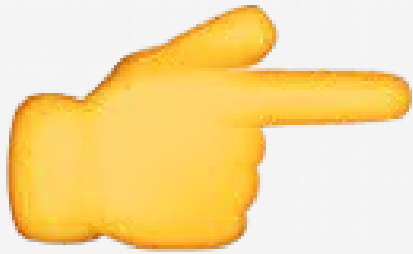


MOBILE PRIVACY



WRITE THIS STUFF DOWN



@flexlibris

@libraryfreedom

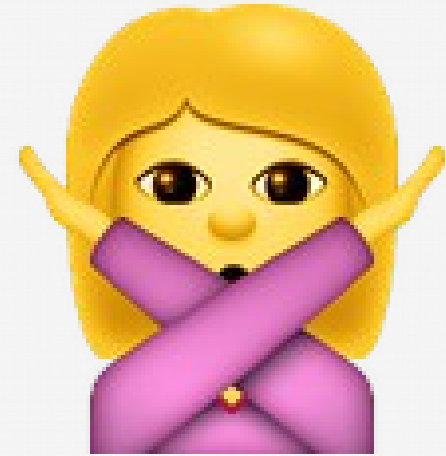
alison@libraryfreedomproject.org

libraryfreedomproject.org/resources/mobileprivacytoolkit

PHONES ARE BAD



- Baseband/data network
- Location services
- Wifi
- Bluetooth
- App access to device
- Proprietary software
- Cameras and microphone
- Government, police, corporate surveillance
- Android vs iOS
- Android Nexus vs all other Androids



THE MOST IMPORTANT THING



Settings

IOS

Settings → Touch ID & Passcode

Settings → Spotlight Search (off)

Settings → Keyboard → Predictive Text (off)

Settings → Keyboard → Enable Dictation (off)

Settings → Privacy → Location Services

- Only give access where necessary

Settings → Privacy → application data requests (review) Settings
→ Privacy → Diagnostics & Usage (don't send)

Settings → Privacy → Advertising → Limit Ad Tracking

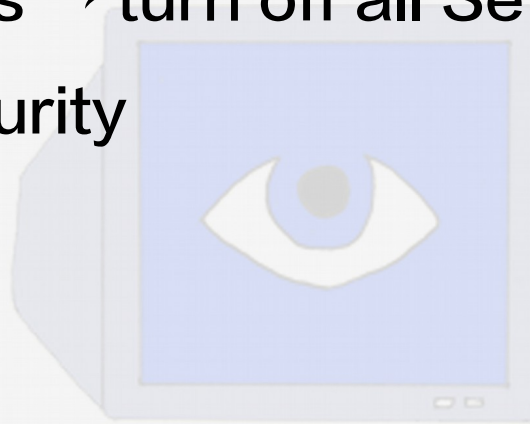
Settings

Android

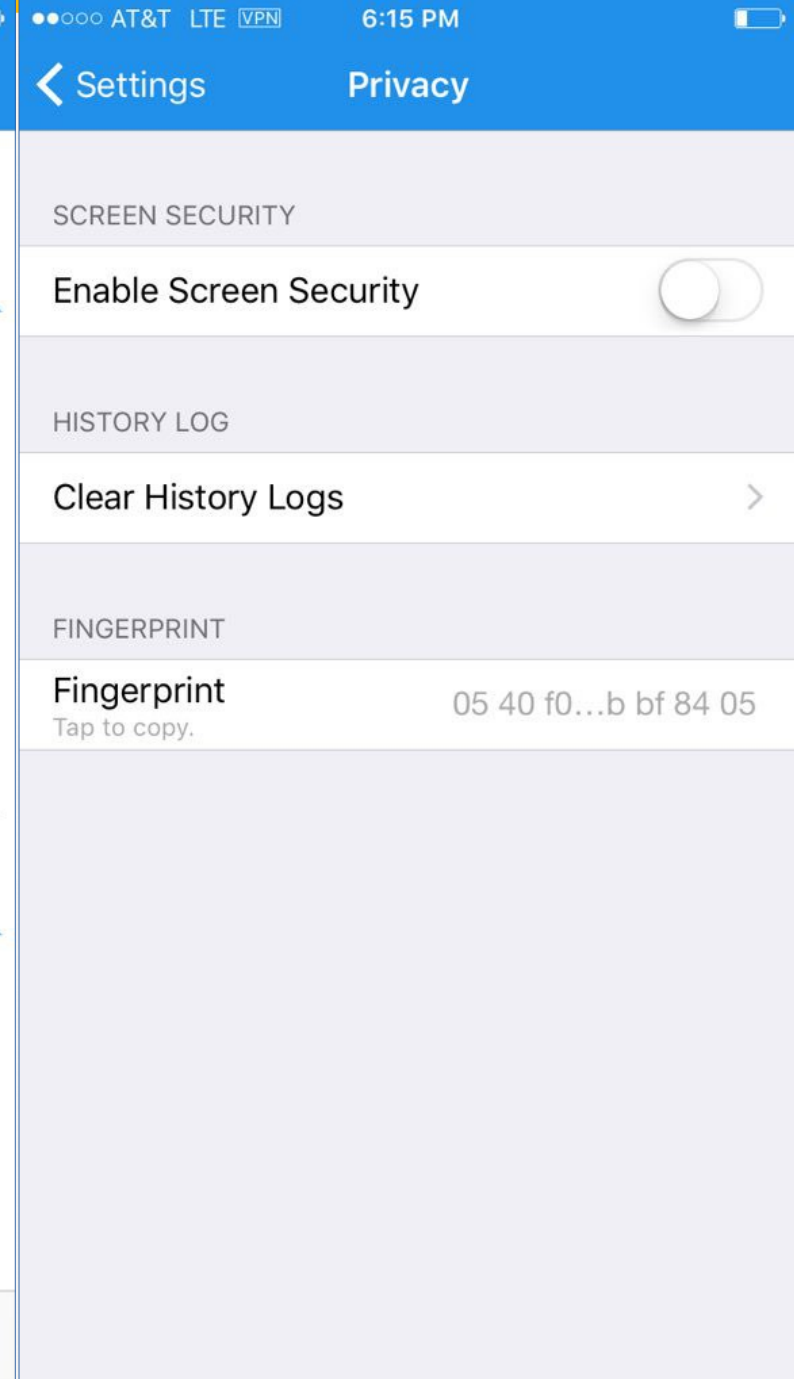
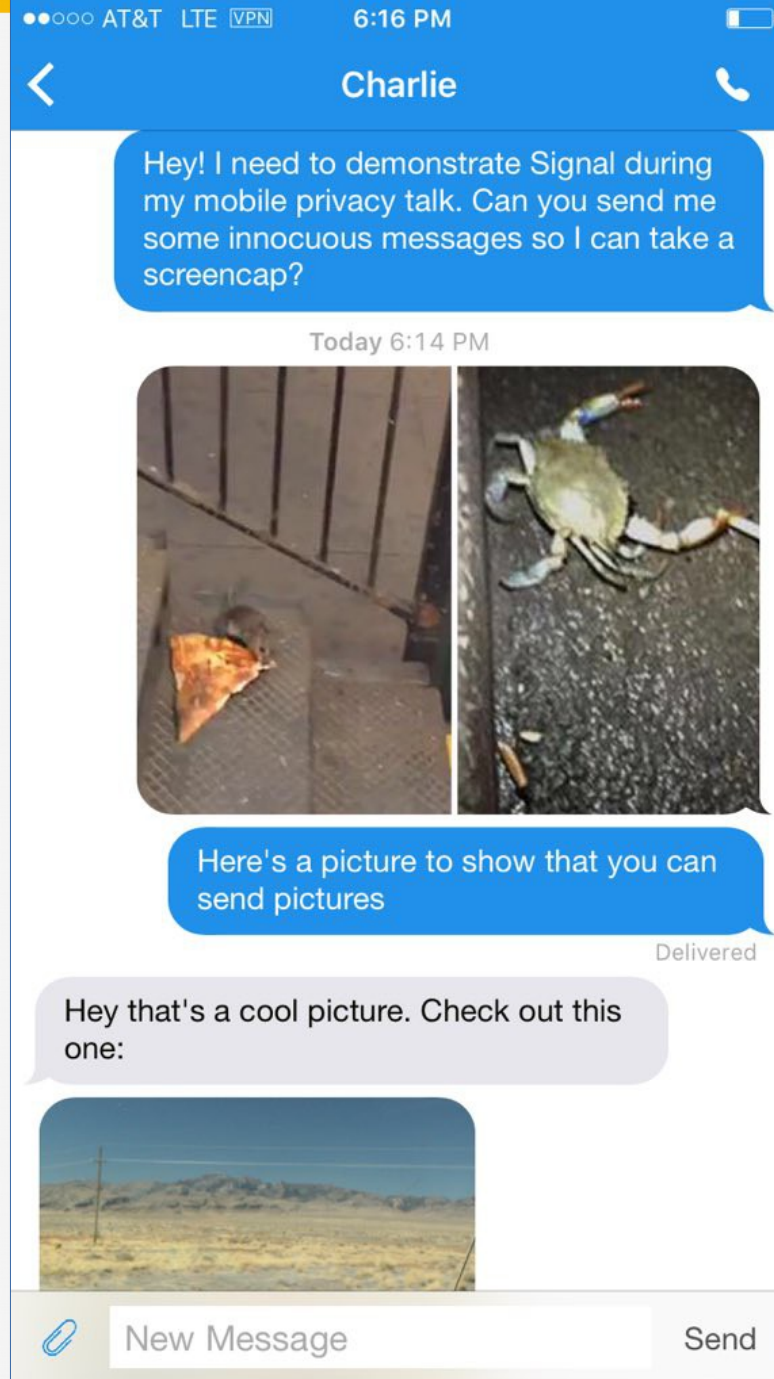
Settings → Connections → turn off all Settings → location (off)

Settings → more → Security

- Password
- Encrypt device
- Device administrators
- Unknown sources (uncheck)
- Verify apps (check)



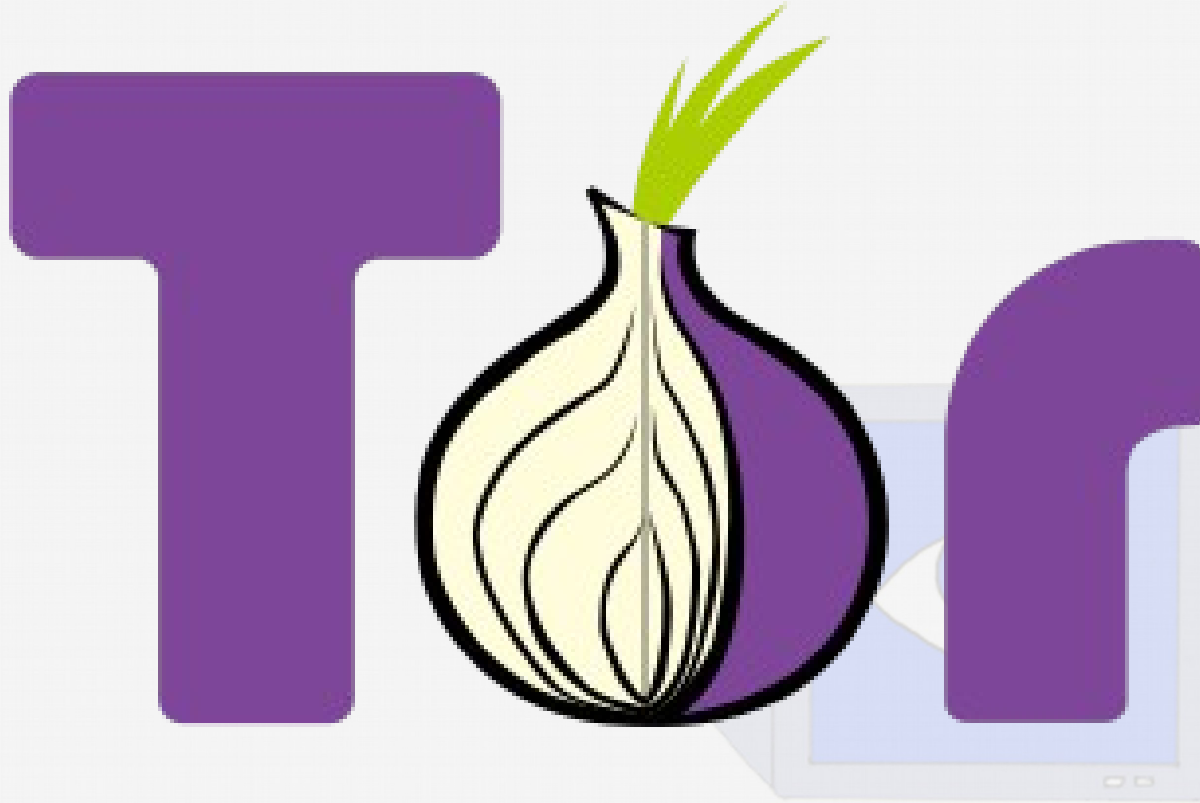
Signal (for iOS or Android): safer calls and texts



Mobile Browsers

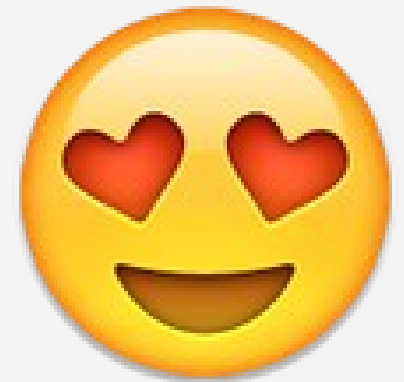
- Default browser for Android (don't use it)
- Safari for iOS
- Chrome or Firefox for Android or iOS
- Tor Browser for mobile:
 - Orweb for Android
 - Onion Browser for iOS





- What is Tor?
- How is it different for mobile?

- Onion browser for iOS (not official)
- Orbot: proxy with Tor for Android
- Orweb: Tor Browser for Android



Invisible trackers



Safer searching

- Android: Firefox/Chrome→ settings→ customize search→ DuckDuckGo



- iOS:
Settings→ choose browser→ search engine→ DuckDuckGo

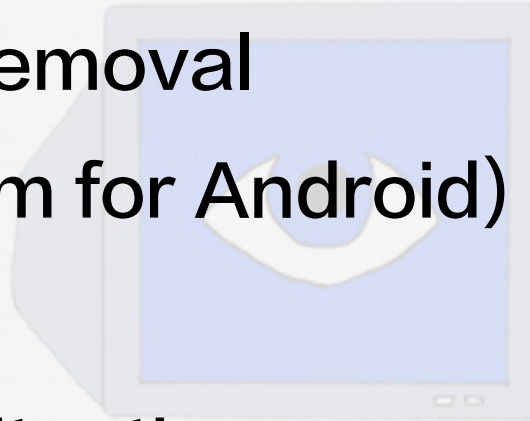
DuckDuckGo

Virtual private networks



More...stuff

- Compartmentalization
- Cover cameras
- Exif and exif removal
(ObscuraCam for Android)



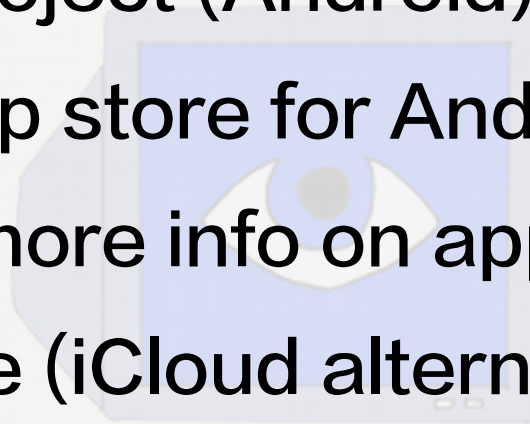
High security situations

- IMSI Catchers/Stingrays and Snoopsnitch
- Faraday cages

Extra credit



- Hardening Android
- The Guardian Project (Android)
- Fdroid: FOSS app store for Android
- Privacy Grade: more info on app permissions
- ownCloud mobile (iCloud alternative)
- Cyanogenmod (Android OS)
- Replicant (Android OS)



Snake-Oil Liniment

RELIEVES INSTANTANEOUSLY

AND CURES HEADACHE, NEURALGIA, TOOTHACHE, EARACHE, BACKACHE, SWELLINGS, SPRAINS, SORE CHEST, SWELLING of the THROAT, CONTRACTED CORDS and MUSCLES, STIFF JOINTS, WRENCHES, DISLOCATIONS, CUTS and BRUISES.

It Quickly takes out the Soreness and Inflammation from Corns, Bunions, Insect and Reptile Bites.

The best External Preparation for BYCICLISTS and ATHLETES. It makes the Muscles supple and Relaxes the Cords. Loosens the Joints and gives a feeling of Freshness and Vigor to the whole System.

Snake-Oil Liniment Cures All Aches and Pains.

If you are suffering from Rheumatism, ALWAYS take LA-CAS-KA internally for the Blood and use SNAKE-OIL LINIMENT externally. When used together we GUARANTEE A CURE in every instance or MONEY REFUNDED.

If You Are Afflicted With DEAFNESS

Get Our Specially Prepared

PURE Rattlesnake Oil

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