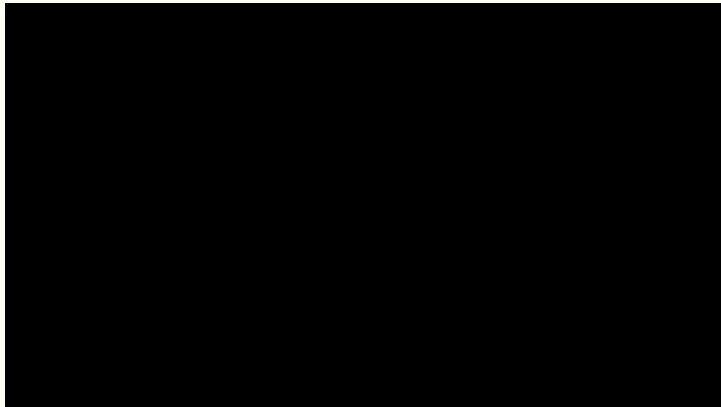


# Escaping the Surveillance Blackhole with Free Mobile Computing (OG)



**OFFSFO**  
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<https://www.fsfla.org/svn/fsfla/ikiwiki/blogs/lxo/pres/OG/>

<https://www.fsfla.org/blogs/lxo/pub/OG/>



## Summary

- Surveillance devices
- Desirable features
- Inseparable?
- Viable alternative
- Time is ripe
- Let's make them!



## Surveillance Devices

- Our telescreens are portable
- Camera, microphone, biometrics, GPS...
- Always online and listening
- **tr**Apps serving big brothers
- Personal data can't escape
- We have long known this!

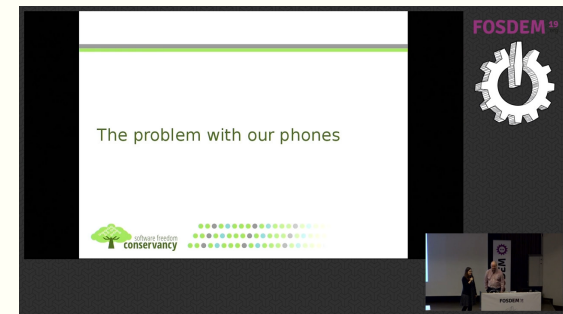


Smart is id**lo**Tic

**Surveiling Most Actions 'Round Tenant**

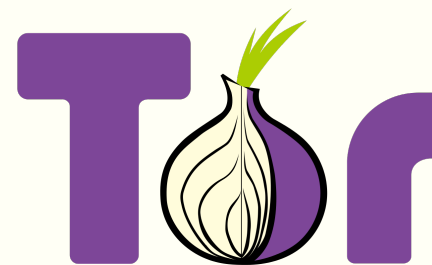
## Why can't we resist?

- Desirable features on the go
  - Comms, WWW, Maps...
- No implied surveillance
- Available as Free Software
- Ultraportable devices: problematic
- Phoning requires tracking anyway (?)



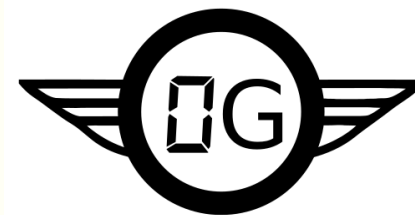
# Rethinking the Network

- Tor Onion Services on uPoCs
- TPBay: untraceable, unblockable
- Connecting to **home server**
  - Even behind NAT
- Our (tor2)web site
- Call me at my Onion address?
- GNUnet, GNU Jami



## Rethinking the Network

- Tracking your data link?
- Ditch the simcards!
- Community WiFi
- OLPC-like mesh
  - Every device extends the network
- Long-range radio



## Device considerations

- Free Software, Free Hardware
- Time is ripe: all tech available
- CPU? GPU? WiFi?
- Pluggable GSM?
- Pluggable laptop/KVM



**Do you want how many?**

## Business plan

- OLPC: made for kids, sold to governments
- Robust, cute, very usable, repairable
- Focus on cost, not performance
- Grow the network through public education
- Who'd force telescreens onto school kids?
- Strong copyleft vs ad-ucation
- Privacy, P2P apps, pervasive network





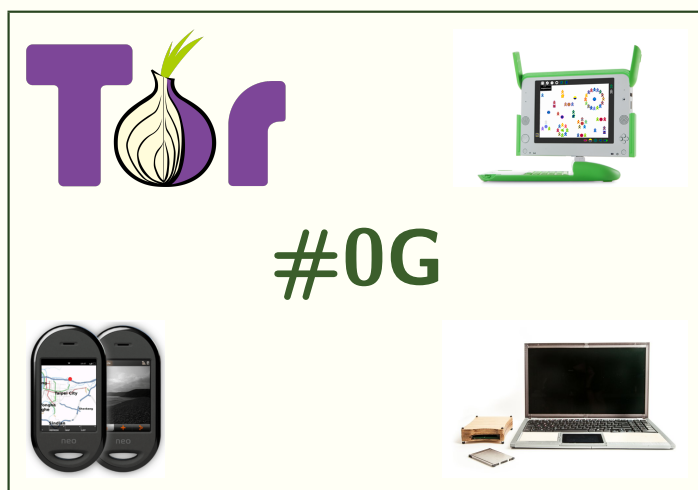
## Business plan

- Avoid partners with conflicting interests
- Expect fierce opposition
  - phone service providers
  - hardware manufacturers
- Be the change: OLPC died, netbooks lived on
- Decentralize the net, innovation follows



**Let's reconquer mobile freedom!**

**Thank you!**



**OFFSFO**  
**Latin America**

**Be Free!**

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