Escaping the Surveillance Blackhole
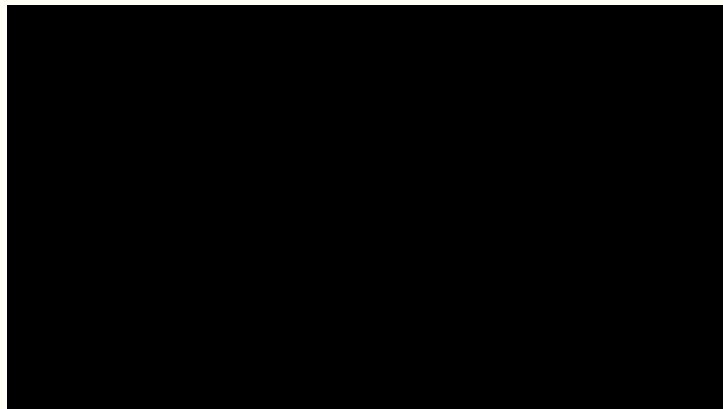
with Free Mobile Computing (0G)

OFSFO
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Summary

- Surveillance devices

- Desirable features

- Inseparable?

- Viable alternative

- Time is ripe

- Let's make them!

iSauron
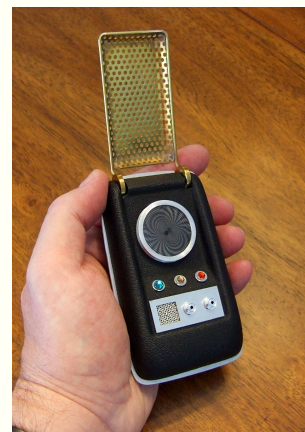
Surveillance Devices

- Our telescreens are portable

- Camera, microphone, biometrics, GPS...

- Always listening, always online

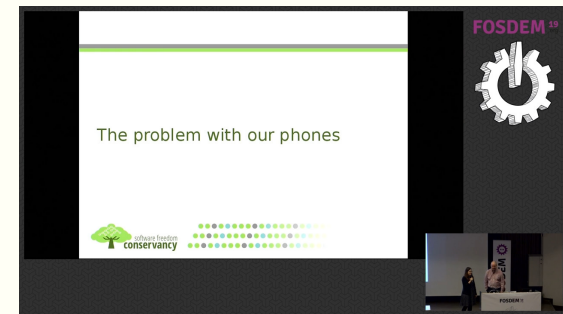- Apps serving many big brothers

- Your personal data can't escape

- We have long known this!   Smart is id**IoT**ic

   **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

- Connect to home server behind NAT

- Call me at my Onion address
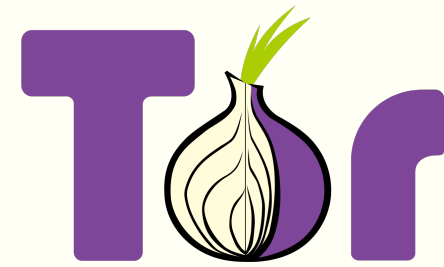
Rethinking the Network

- Tracking your data link?

- Ditch the simcards!

- Community WiFi

- OLPC-like mesh

    – Devices extended the network

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

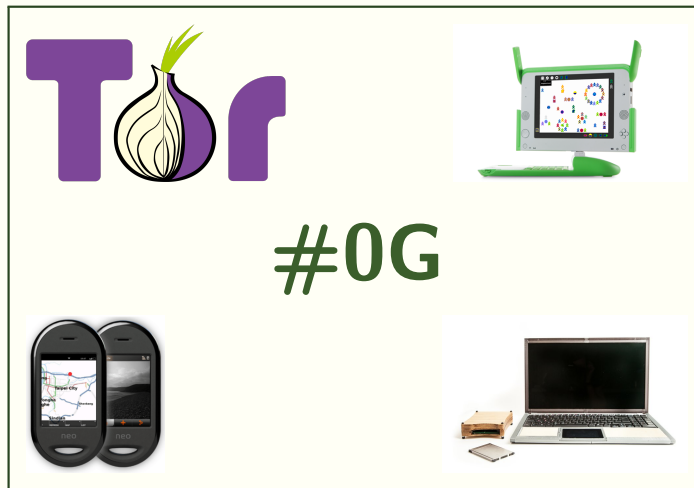- Privacy, P2P apps, pervasive network

Business plan

- Avoid partners with conflicting interests

- Expect fierce opposition

  – phone service businesses

  – hardware manufacturers

- Remember: OLPC died, netbooks went on

- Decentralize the net, innovation follows

Thank you!

#0G

Latin America

Be Free!

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