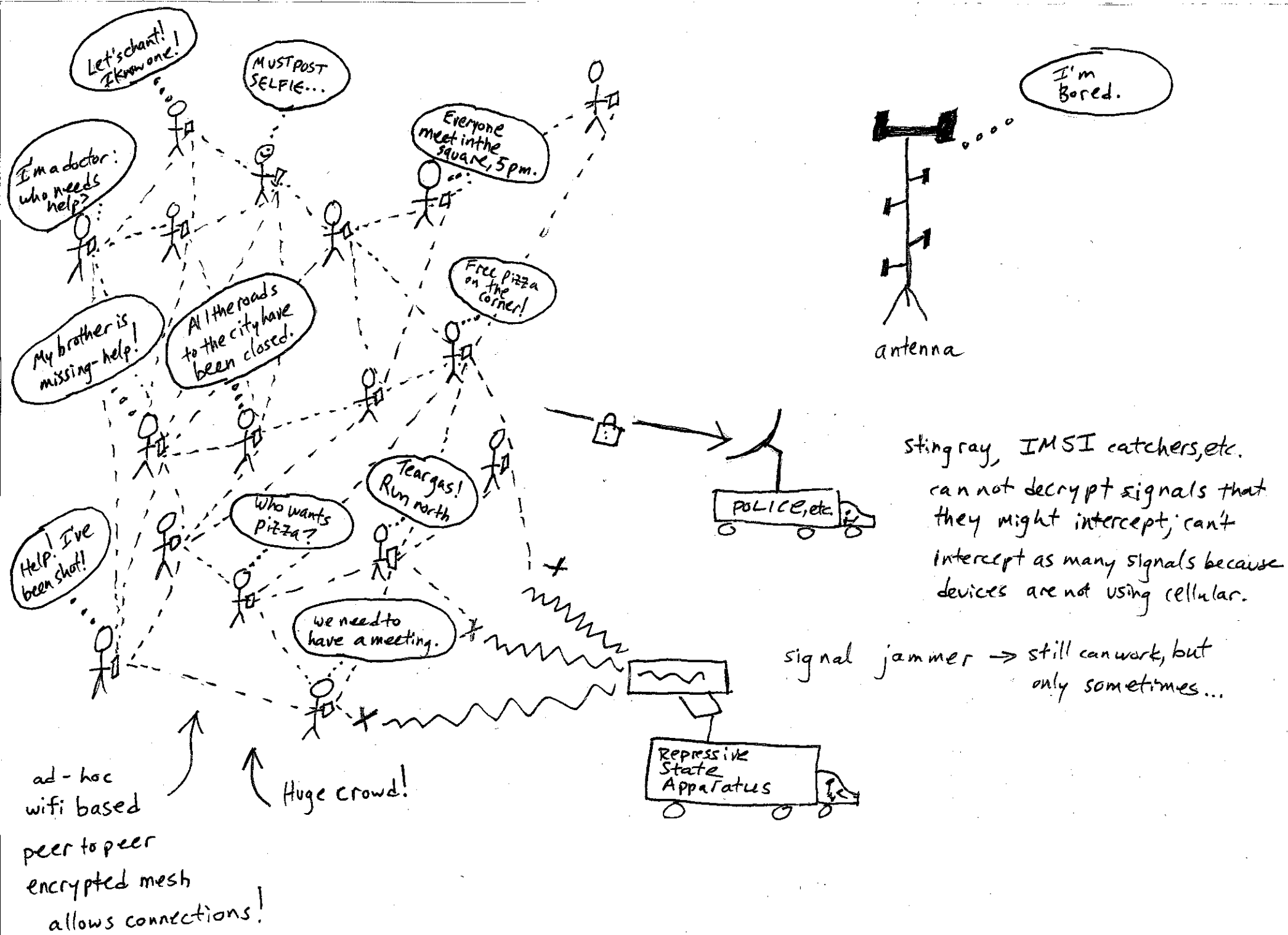


THE PROBLEM: Mass, public, democratic assemblies need to communicate with each other using mobile phones, but signals are often dropped, blocked, or intercepted by hostile parties via centralized telecom.



ad-hoc
wifi based
peer to peer
encrypted mesh
allows connections!

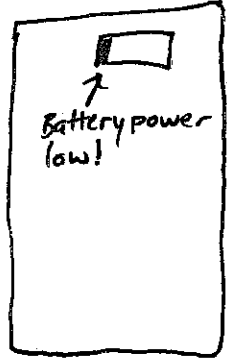
Huge crowd!

stingray, IMSI catchers, etc.
can not decrypt signals that
they might intercept; can't
intercept as many signals because
devices are not using cellular.

signal jammer → still can work, but
only sometimes...

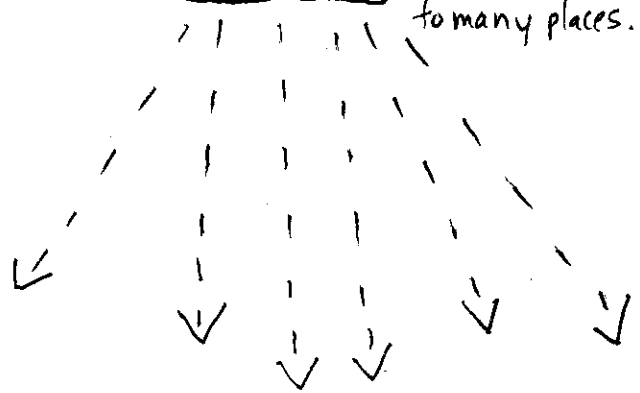
A SOLUTION?

many signals need to be routed



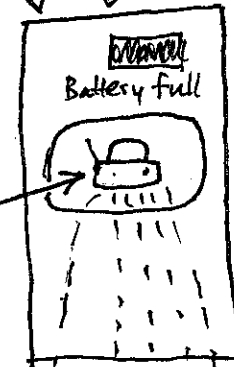
I'm just one little cell phone!
I'm exhausted!
My hardware wasn't built for this!

to many places...



Another problem with mobile mesh

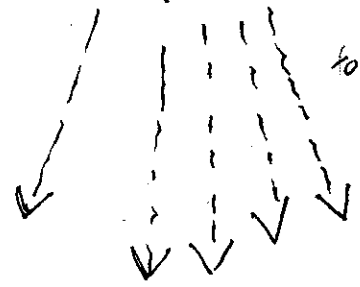
many signals need to be routed



Ah! What a relief.

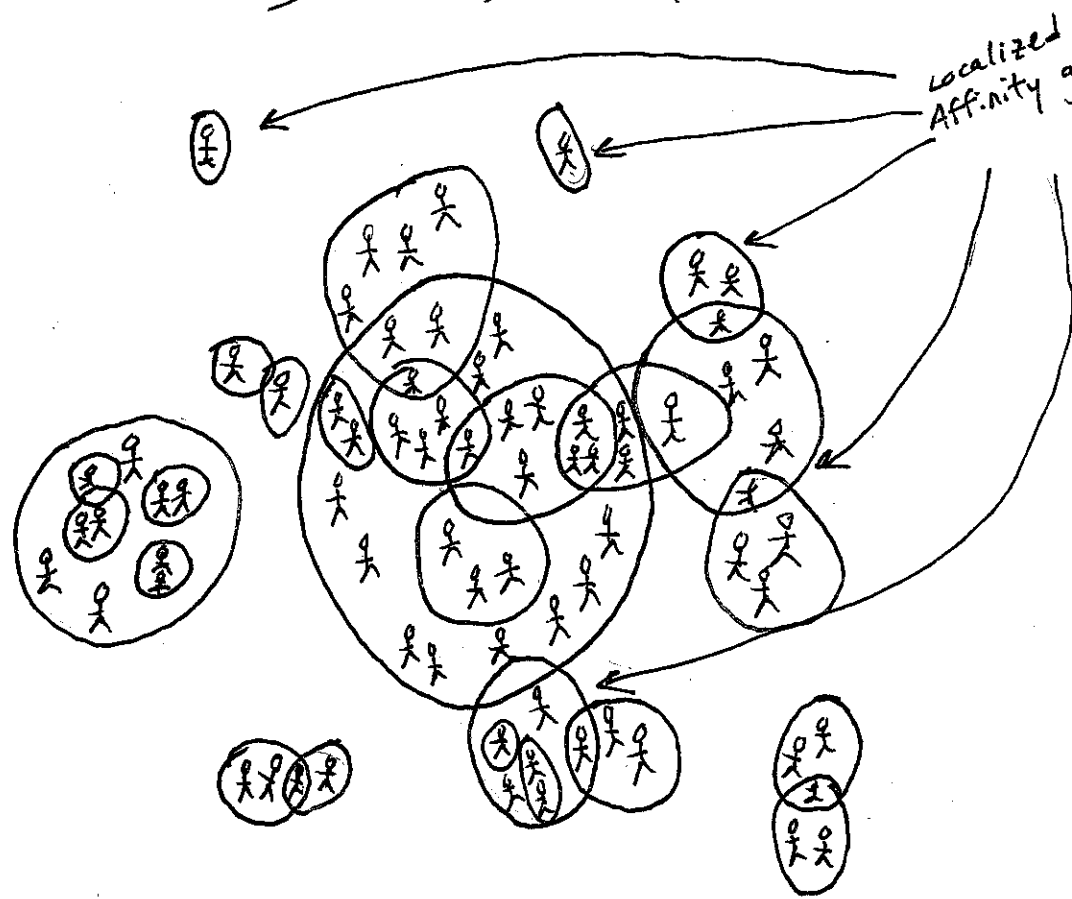
app. with software-defined radio does the heavy lifting: sorts + routes signals

to many places...



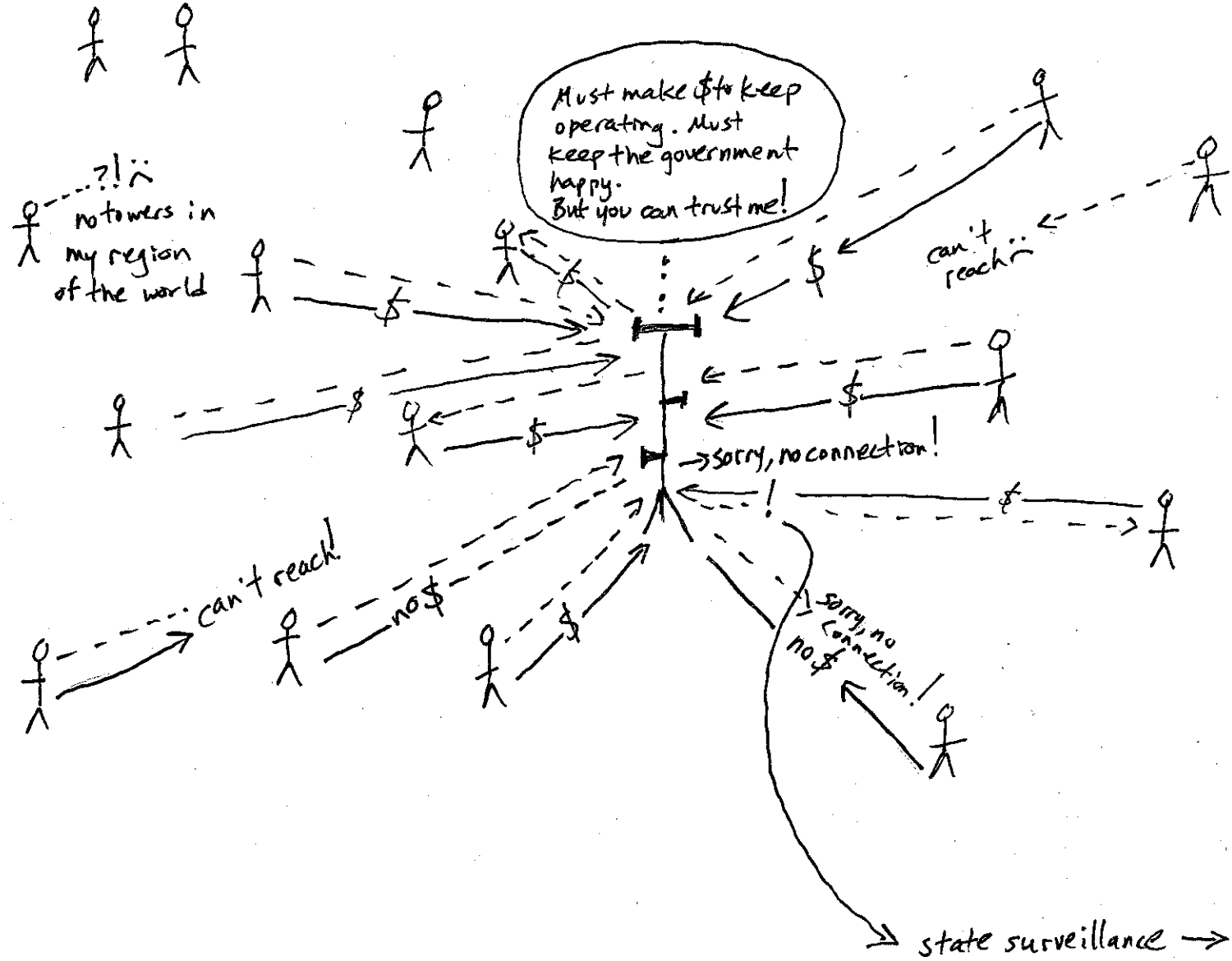
A solution?

How MASS MOVEMENTS BUILD COMMUNITY
AND TRUST; HOW THEY COMMUNICATE:



Localized Affinity groups
larger small:
political, identity,
trade unions,
groups of friends,
student groups, etc.

How centralized telecom builds
community + trust; makes communication



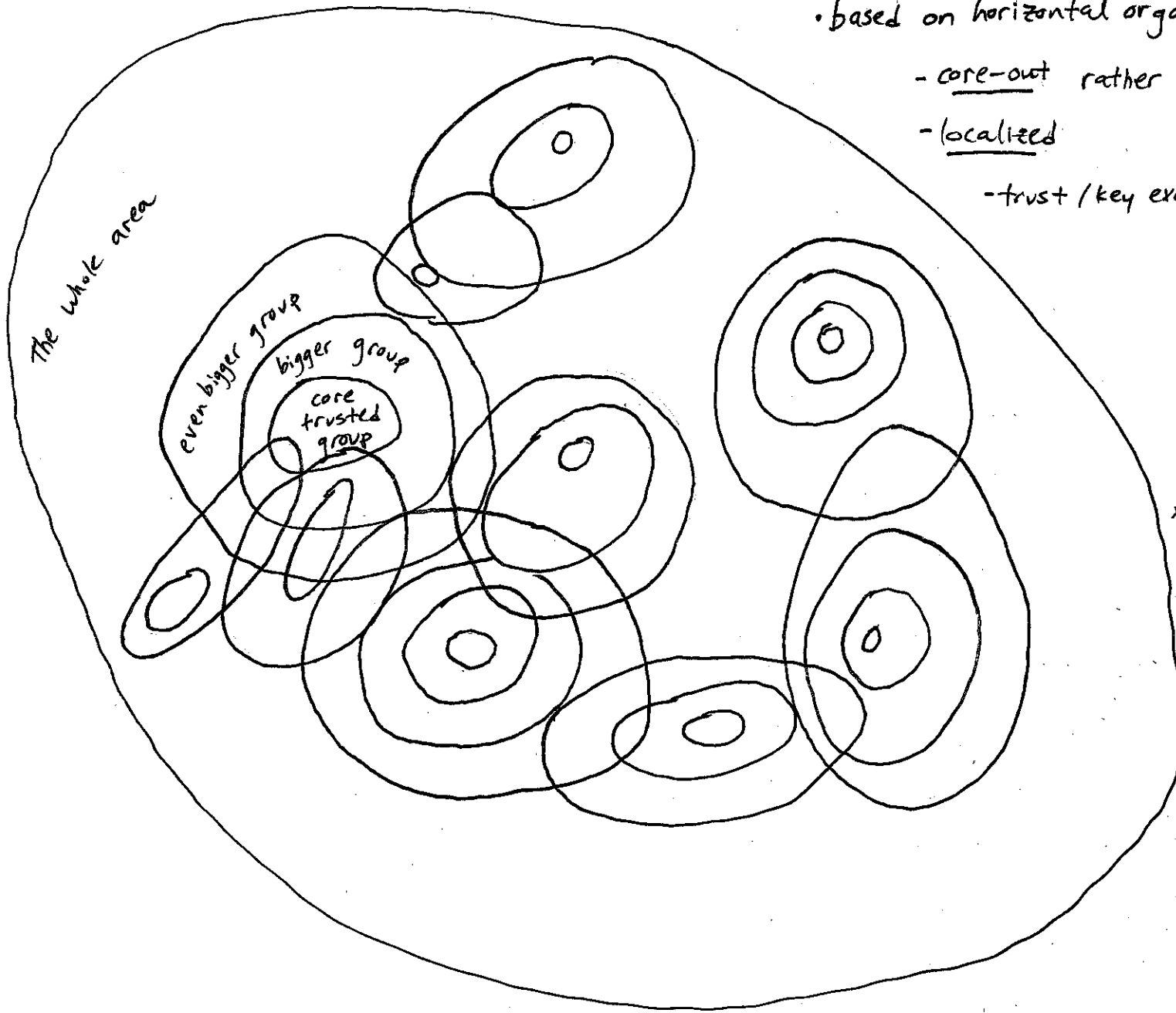
Security / trust layer

• based on horizontal organizing practices:

- core-out rather than top-down,

- localized

- trust / key exchange must happen in person



People who leave, are arrested, etc. drop out of this location-based network. communications are erased based on location.

But there can be a separate channel for "outside"