**Fig. 6.** Use of CubeSat for data collection from Africa.

CubeSat

Satellite receiver

node w/ Internet

node w/ satellite

Local node

Via GPRS/3G

Location & proximity data

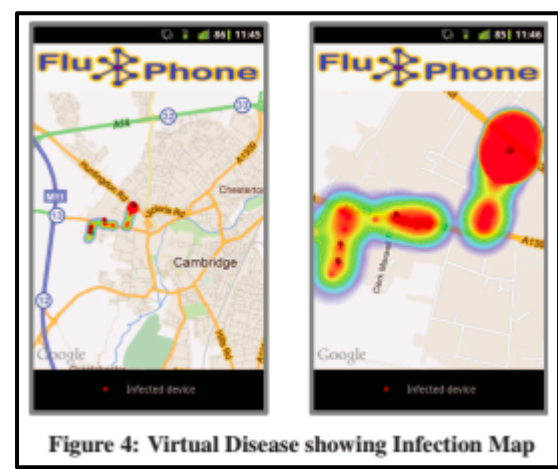The average person encountered over 1500 unique devices over a ten day period.

GPS

**Figure 4: Virtual Disease showing Infection Map**

Infected device

Flu Phone