SafePill Net

PillTIFF

Storage & Compute Cloud

Rural Health Kiosk

Civil Society

End-User
(Pharmacist/Consumer)

Regulator

Researchers

Manufacturer
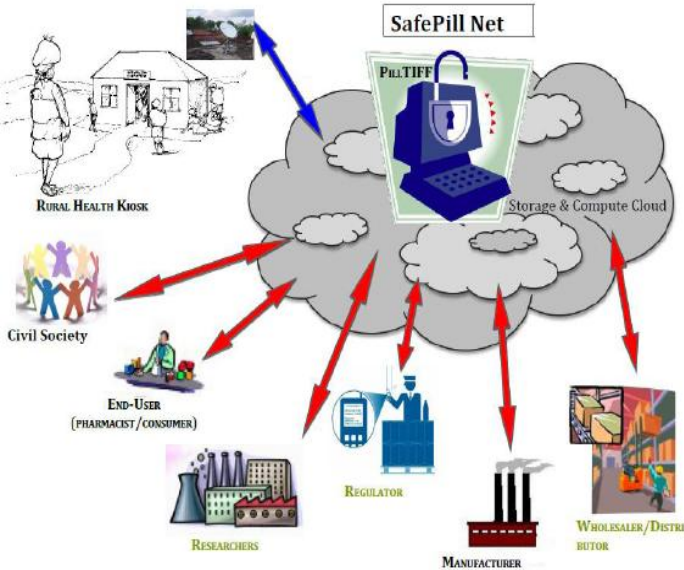
Wholesaler/Distributor

SafePill-Net

- MicroRaman system may be sensitive enough to detect standard signature of single pill

- Useful at local eHealth Kiosk level but also for system wide monitoring

- BioTIFF enables co-localizing meta-data with primary data

- BioTIFF facilitates cloud based accessioning, curating and reinterpreting original data

- BioTIFF format enables encrypting, regulating and monitoring access

- Allows medicine authenticity to be tracked at multiple levels for multiple purposes

- Allows for creation of a community of practice focused on medicine authentication

- Allows tracking of social determinants of Biopharmaceutics

Amazon S3 service allows storage of arbitrary 5GB buckets ($0.60/month)
Data can be indexed and analyzed using Apache Hadoop MapReduce
http://aws.amazon.com/s3/