



HealthRadar – Mobile Disease Surveillance for Developing Regions of the World

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Disease surveillance challenge in India

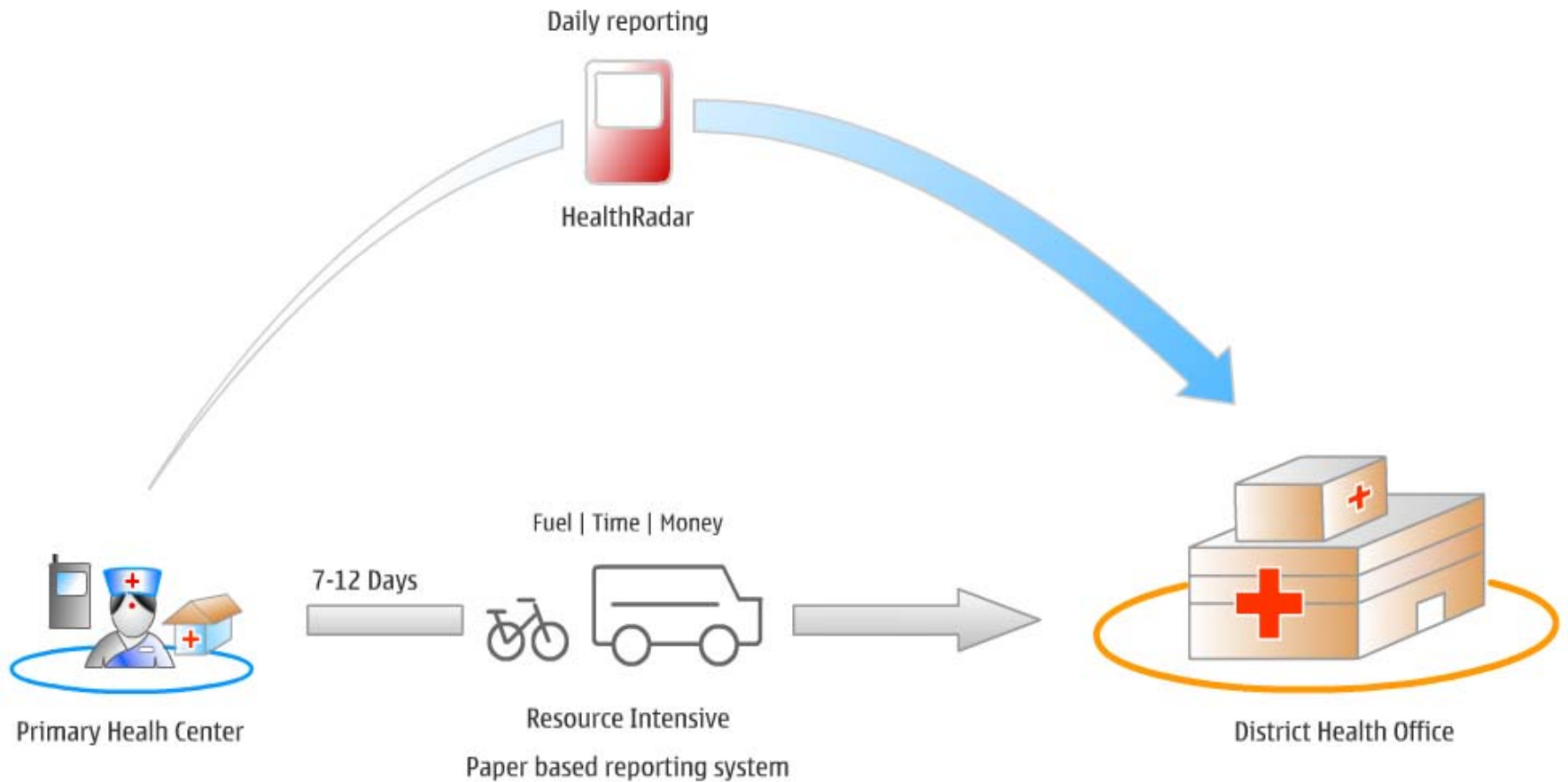


Primary – tertiary level disconnect



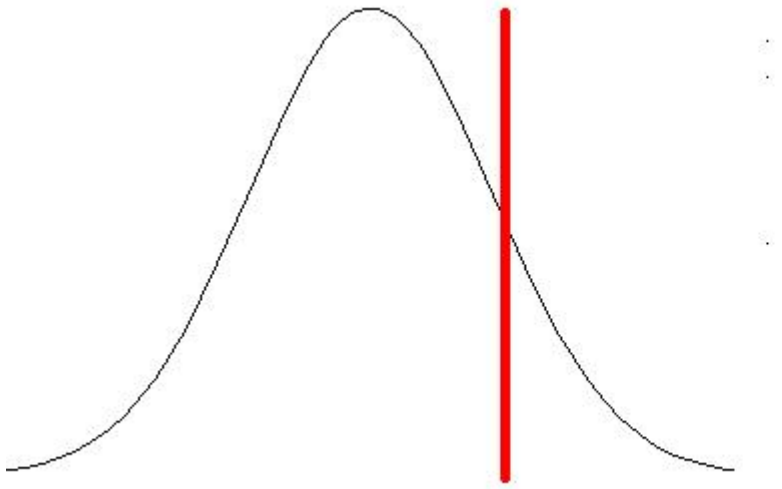
Large bodies of raw data in paper based form

Improving the existing process using mobile means



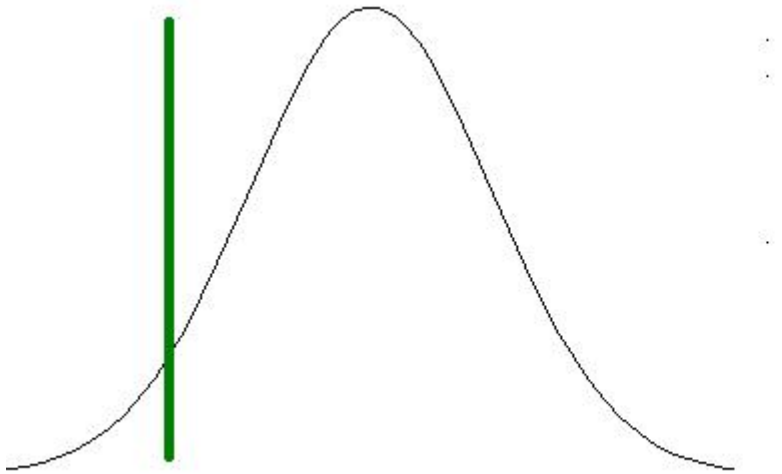
HealthRadar Pilot in Karnataka

NRC Bangalore and Manipal University



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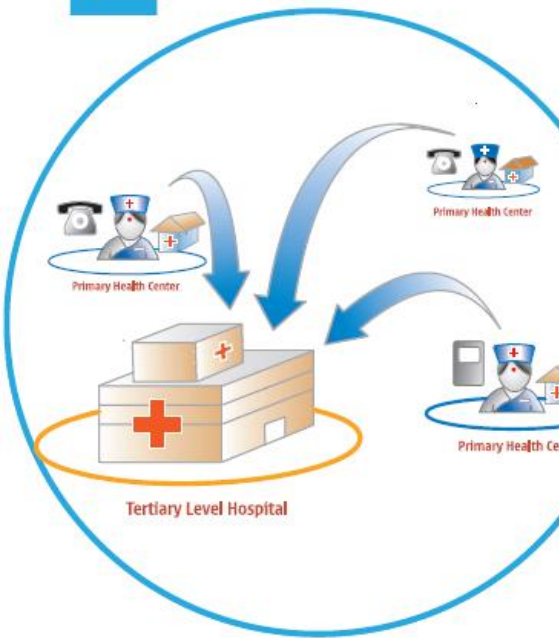
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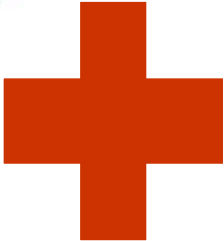
1 Input



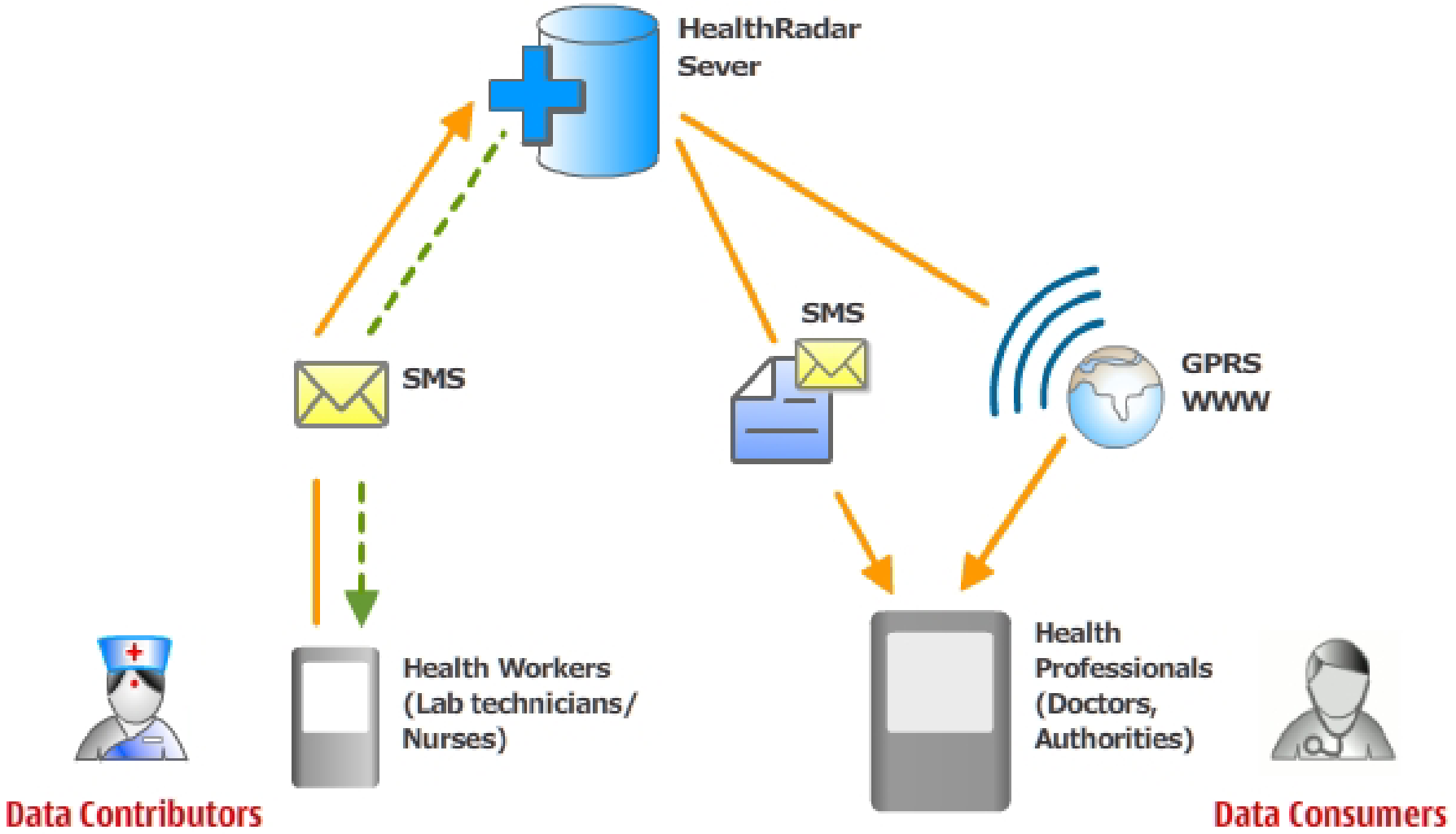
2 Aggregate



3 Monitor



Basic System : First Generation



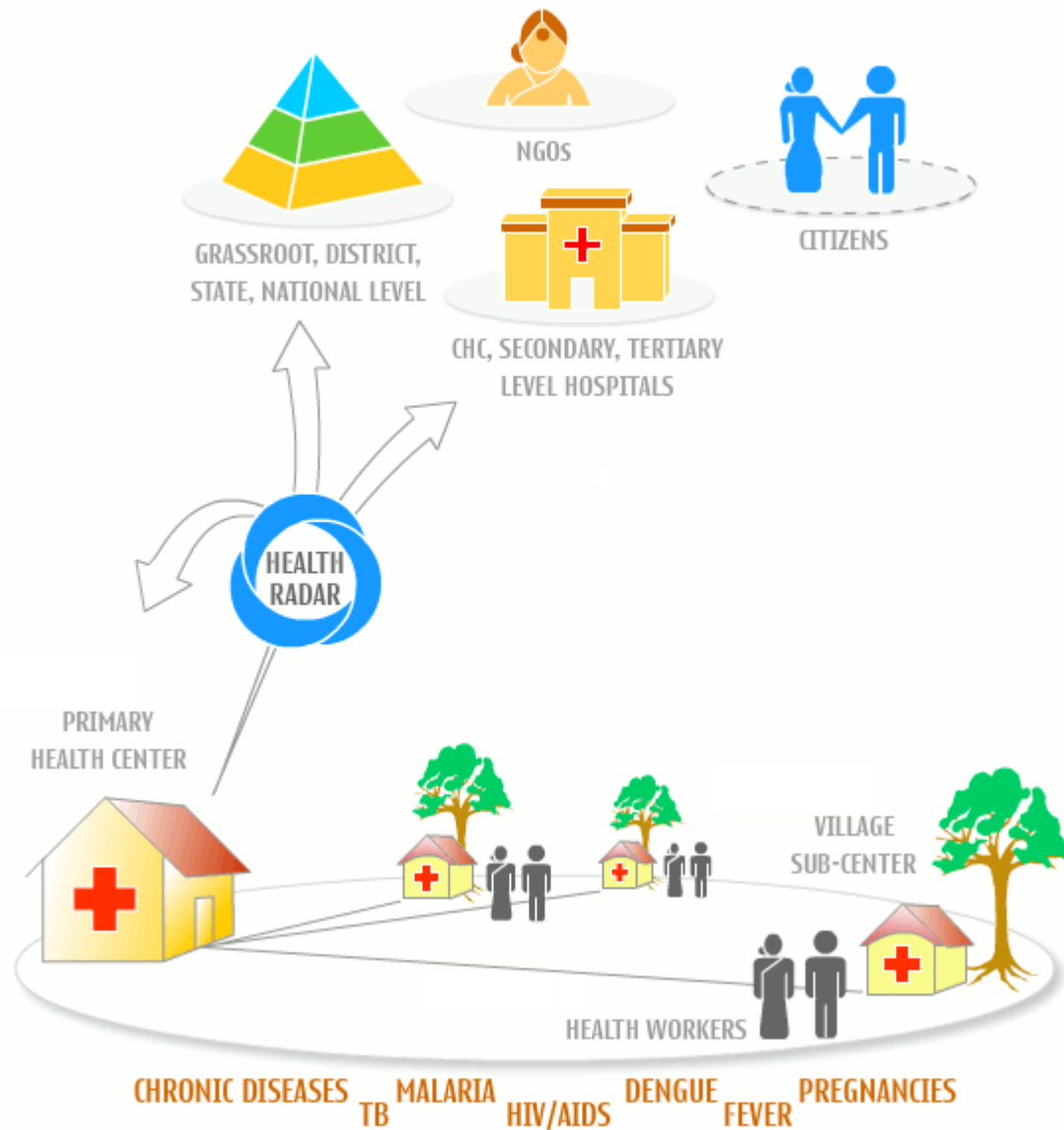
Introducing HealthRadar at a local PHC



Multidimensional Research Space

- Epidemiology
- Sociology
- HCI
- Service Design
- Information Design

HealthRadar - penetrating the primary health care ecosystem





Feedback of information to the
local level

Democratization of health
information



Emergence of locally relevant
communication

General Conclusions

- ⇒ HealthRadar has the potential to improve disease surveillance practices in developing countries such as India
- ⇒ Early insights from the field point toward importance of locally based information dissemination and communication
- ⇒ However, the problem scope is complex and empirical work is needed to be able to provide answers to various levels of research questions

