

USE OF SENSORS PEDIATRIC DIAGNOSTIC RADIOLOGY



Why use Sensors?

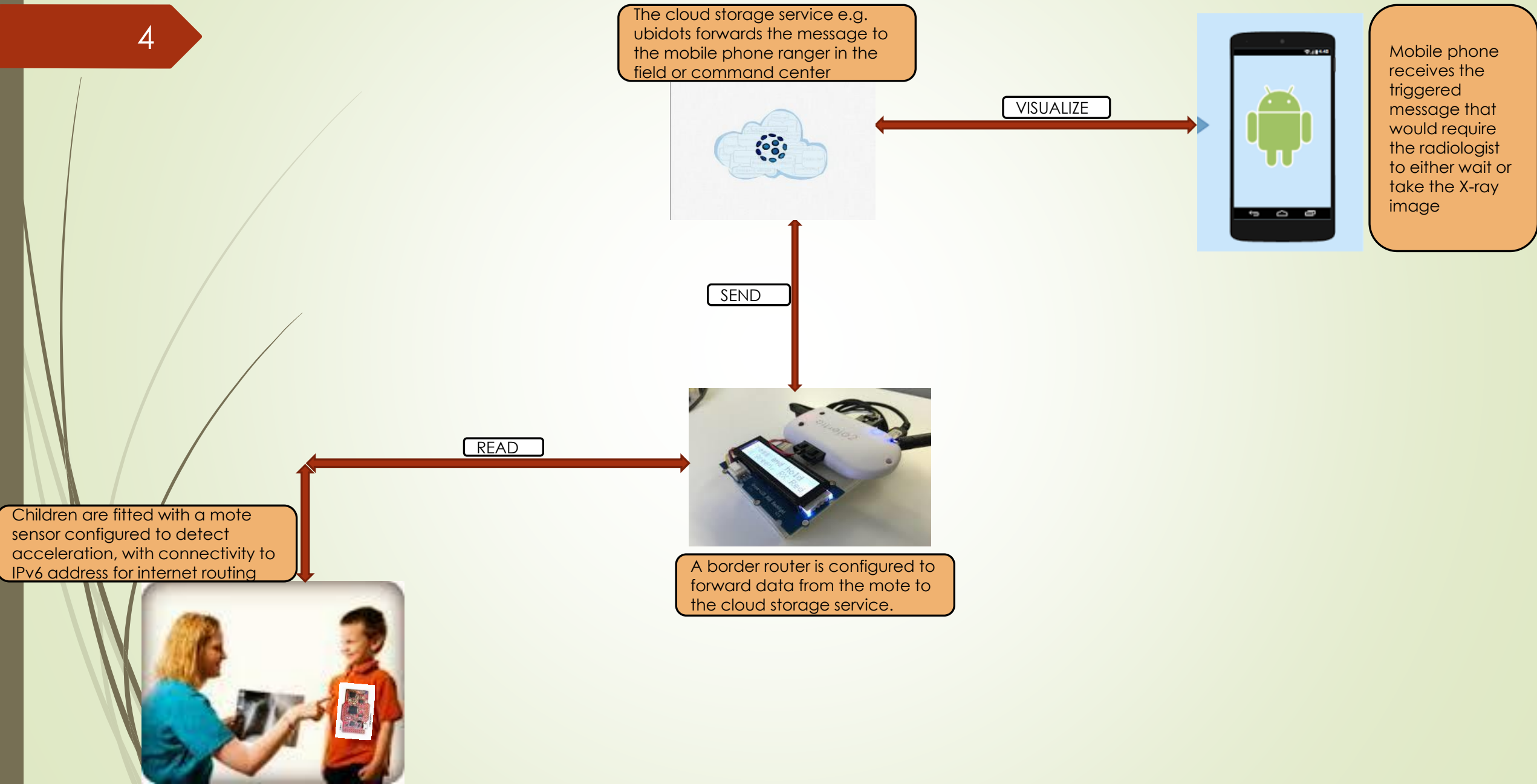


Benefits of sensors



PROPOSED SOLUTION BASED ON USE OF SENSORS:

4



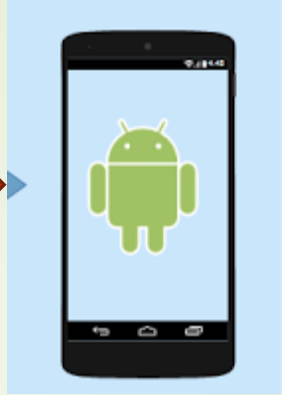
Children are fitted with a mote sensor configured to detect acceleration, with connectivity to IPv6 address for internet routing



The cloud storage service e.g. ubidots forwards the message to the mobile phone ranger in the field or command center



VISUALIZE



Mobile phone receives the triggered message that would require the radiologist to either wait or take the X-ray image

SEND



A border router is configured to forward data from the mote to the cloud storage service.


READ

DEMO?

- Use of one Z1 node mote
 - Use two sensors (adxl and Temp)
- Further send critical information to the cloud. e.g. ubidots



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Thank you

