How it works?
SMS *position request with web platform*

Cell-ID, GPS Database

Geoloc Server

GPS position update

SMS position request: url#

SMS with Cell-Id

Guardian send SMS to watch, watch reply position with Cell-Id to mobile, then caregiver can check the exact location with a google API or OpenCellid.
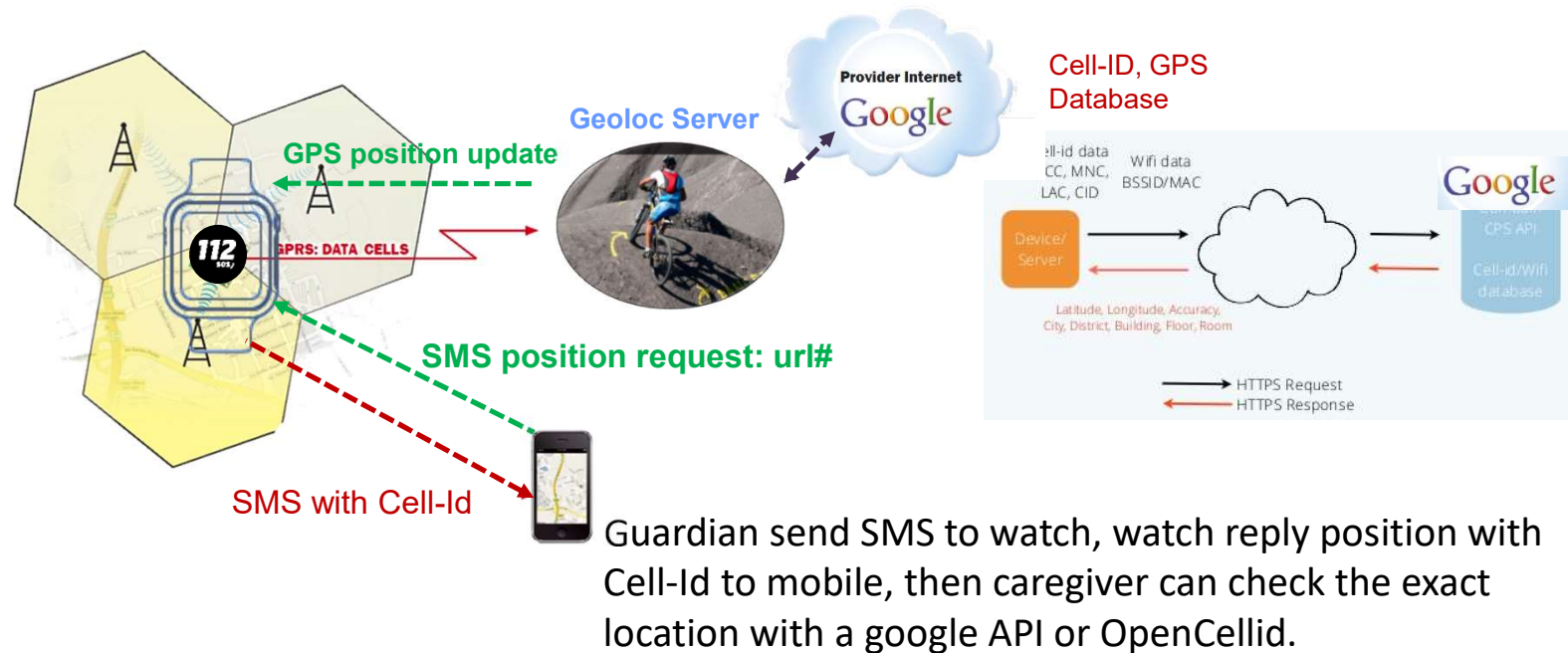
For SOSx Settings we make a specific SOS menu with four icons, setting we will be accessible by short push and SOS actions will be done by long pushing
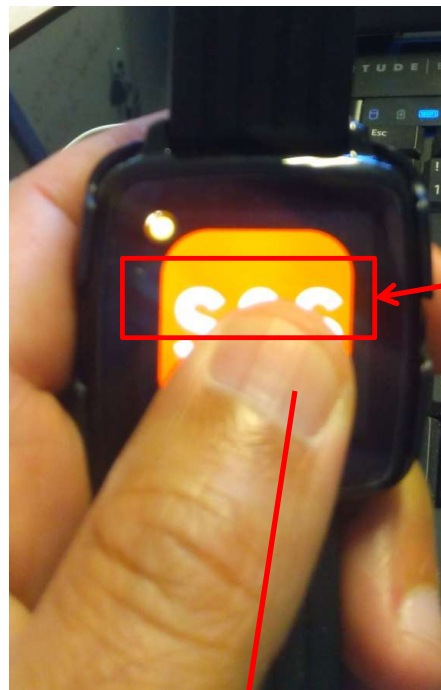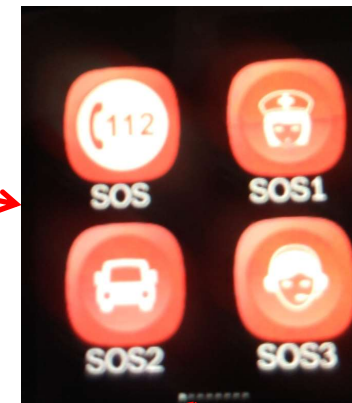
For SOS menu with specific icons to be set by user (SOS0 -112-par default)

Left slip

Right slip
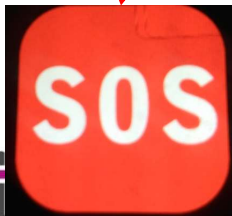
Short push

long push = SOSx calling

3s –>call 112

Excel OpenCell-ID Engine

Cell-Id *positioning Excel proto*

Click here to get the Excel Proto

cell location

MCC

MNC

LAC

cell-ID

display

Show position of selected cell**MCC**
Please enter here the [Mobile Country Code](#).
The MCC defines the country where the network is located.
MNC
Please enter here the [Mobile Network Code](#).
The MNC defines the network inside the country defined by the MCC.

LAC
Please enter here the [Location Area Code](#).
The LAC defines a group of base stations that belong together regionally.

cell-id
Please enter here the [Cell ID](#).
The Cell ID defines the number of the cell of which you want to see the data.

All input fields are obligatory.

Formats SMS enrichis

Kii07
IMEI:868908021073346;
service:[208.01.0514.5cf3@-81];
neighbors:
[208.01.0514.4cf7@-92]
[208.01.0514.ec23@-93]
[208.01.0514.5cf9@-96]

Kii03: location:
[CELLID:208.01.5632.36190,
WIFI:14-0c-76-a3-be-52,-73,
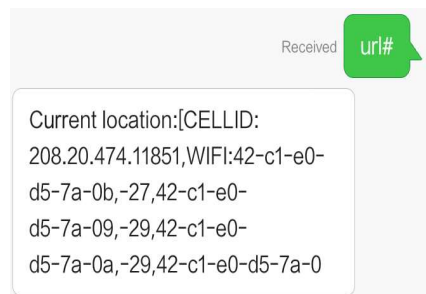14-0c-76-a3-be-50,-73,
f4-ca-e5-c6-f4-e1,-75,
f4-ca-e5-c6-f4-e2,-75]
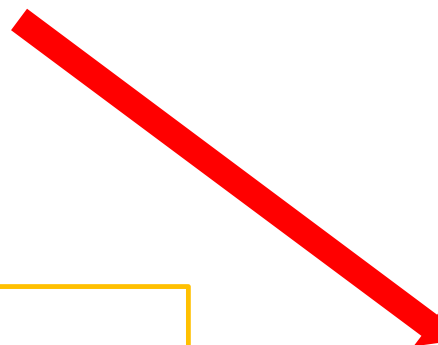
A automatiser dans Nodered

SMS text content

Received url#

Current location:[CELLID:
208.20.474.11851,WIFI:42-c1-e0-
d5-7a-0b,-27,42-c1-e0-
d5-7a-09,-29,42-c1-e0-
d5-7a-0a,-29,42-c1-e0-d5-7a-0

OpenCellID API

Google API with key

Local API with OpenCellID

208.csv.gz

https://flows.nodered.org/flow/af6487676bd89e5e8b74b2c9da1e176d

Librairies manquantes

Exemples de flow