

SYSTEM LEVEL

Battery group

voltage > threshold

Normalon enter:
enable GPS
enable GPRS**Low**on enter:
disable GPS
disable GPRS

voltage < threshold

Base Station group

BS beacon received
&& Running**Reachable**on enter:
activate Low
dump log
on active:
send readings to the BS**Unreachable**on enter:
activate Normal
on active:
log locally

timeout

APPLICATION LEVEL

Health conditions group

normal conditions

Healthyon active:
create normal beacon**Diseased**on active:
create alert beacon

abnormal conditions

Activity group

big GPS difference

negligible GPS difference

Runningon active:
track often**Resting**on active:
track rarely**Not Moving**on active:
track once

small GPS difference

acceleration detected