

SmartAlert

| Automatic alert dispatching and tracking system

Alerts dispatched to rangers **fighting against poachers** require constant human monitoring and intervention.

- An operations room must be **manned 24/7**;
- Operators need to **manually** relay informations to rangers

Most protected areas do not have enough resources for a human-driven system.

SmartAlert

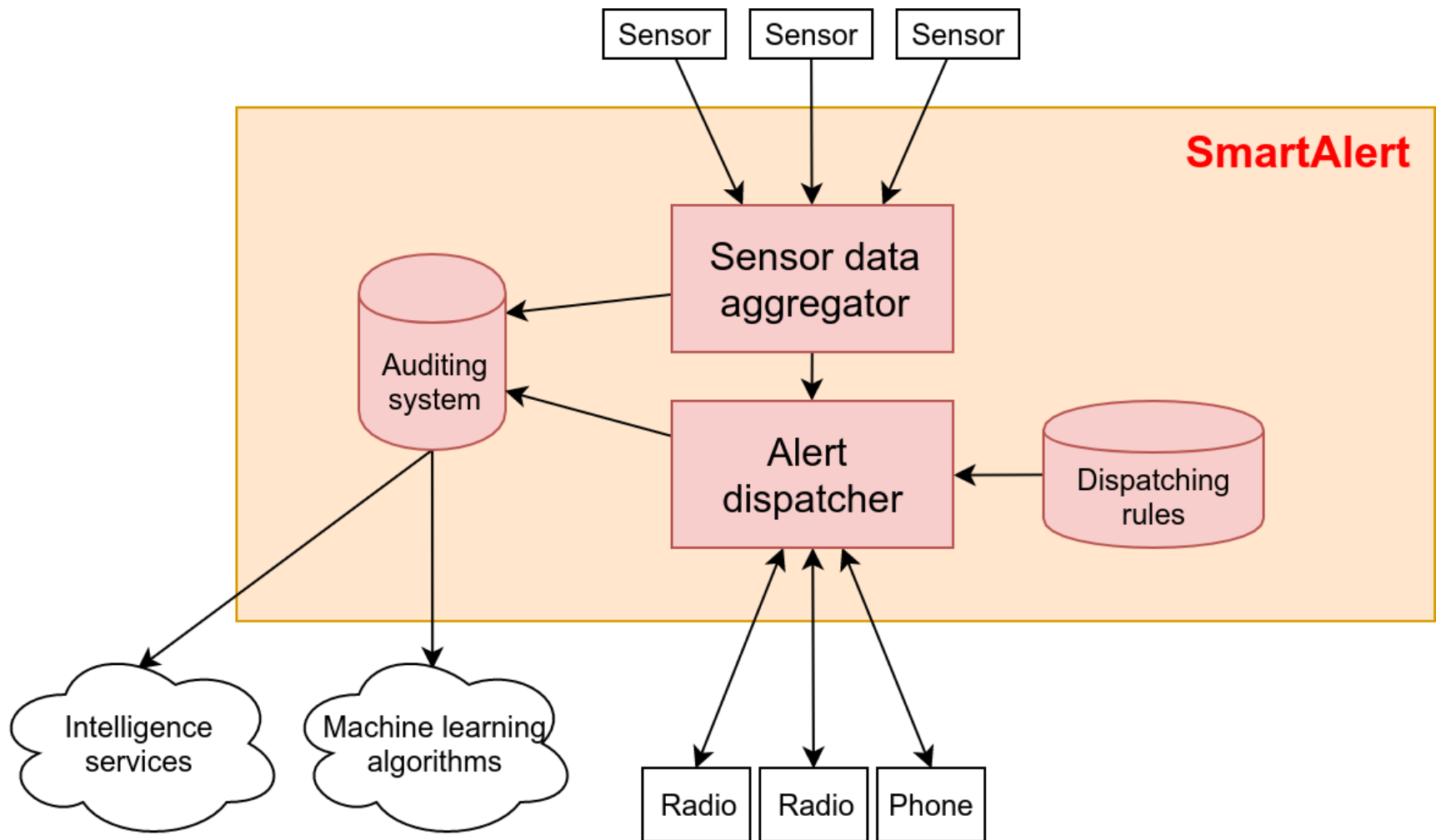
A cheap, automatic alert dispatching and tracking system.

SmartAlert can be entirely deployed on a Raspberry Pi (30£) and does not require human intervention.



SmartAlert provides the following **customizable** features:

- Monitoring and normalization of sensor data;
- Stripping of sensitive information;
- Location-based dispatching rules;
- Information relying (*e.g. through GSM or radio*);
- Anti-corruption auditing;
- Data post-processing support (*e.g. machine learning*)



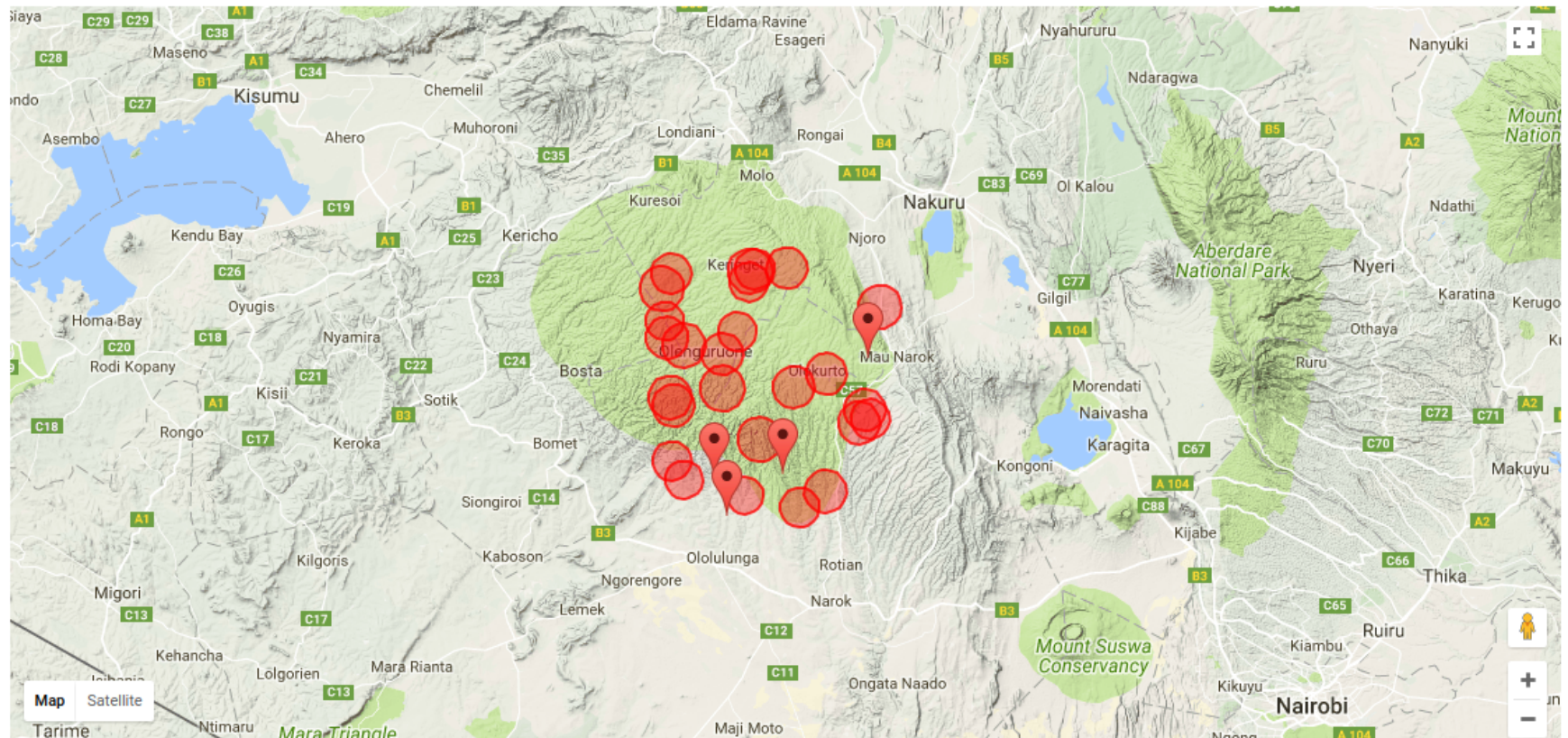
One of SmartAlert's main goals is **user-friendliness**.

The **UI** has been designed to be as **simple as possible** and usable on **devices of any kind**.



AUTOMATIC MODE

0 OUTSTANDING ALERTS





Teams

3 active teams

2 teams resting

Team Sector 5

North west, 5 members, 07551 112 321

ON DUTY

Team Sector 4

North west, 5 members, 07551 112 321

ON DUTY

Team Sector 2

North west, 5 members, 07551 112 321

ON DUTY

Team Sector 1

North west, 5 members, 07551 112 321

ACTIVE 3 days ago

Team Sector 2

North west, 5 members, 07551 112 321

ACTIVE 3 days ago

ADD TEAM



Lone
07551 112 321

ON DUTY

Texas
07551 112 321

ON DUTY

Power
07551 112 321

ON DUTY

John
07551 112 321

ON DUTY

Jack
07551 112 321

ON DUTY

Sophie
07551 112 321

ON DUTY

Lone
07551 112 321

ON DUTY

Texas
07551 112 321

ON DUTY

Power
07551 112 321

ON DUTY

Time: 2017-10-05 12:56:00

Camera alert

ARMED INTRUDER



To be dispatched

Time: 2017-10-06 10:56:00

Camera alert

INTRUDER



To be dispatched

Time: 2017-10-05 23:23:00

Camera alert

INTRUDER



In progress

Time: 2017-10-06 12:10:00

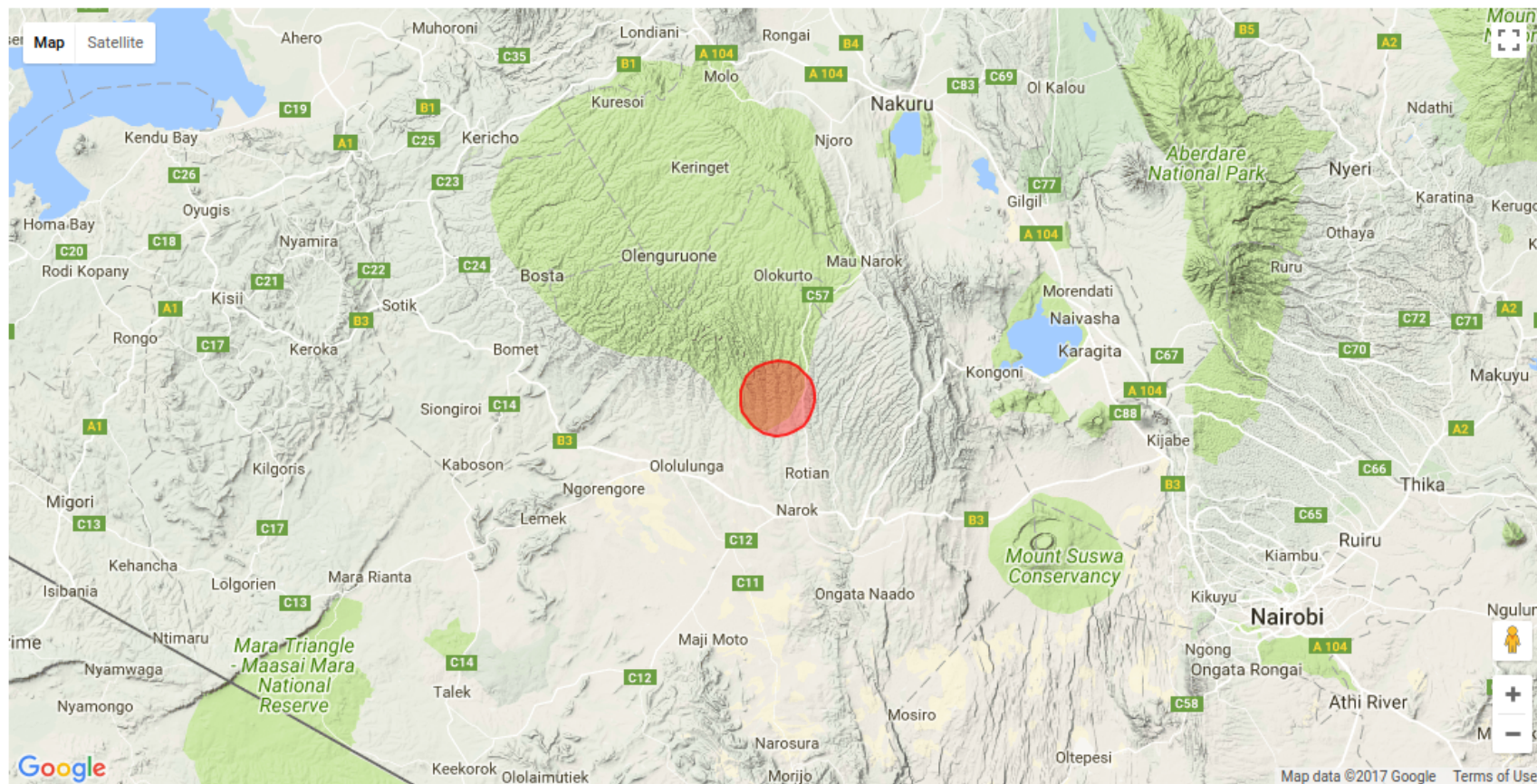
Ground sensor alert



To be dispatched



Alert



Status: **Acknowledged**

Type: CAMERA ALERT

Time: 2017-10-05 12:56:00

Label: ARMED INTRUDER

Cheap

Simple

Fast

Secure

Flexible

Impactful