



**VIVATECH**  
June 2021

# Solutions to the theft of cattle

## 1 - Smart Cattle enclosure : intrusion detection in the breeding field :

From Walls, Doors and Windows

This system triggers two audible alarms and sends alerts by phone and SMS

## 2 - Smart Collar : early detection of livestock theft by geolocation. This Collar sends an alert if :

- a. it is vandalized
- b. the animal leaves its safety perimeter (radius of 100m to 10km)
- c. the animal moves beyond a certain speed
- d. the animal moves at a certain time
- e. the animal stays still for a while

### SMS Alert + Calls + Geographic position

*It is a geolocation system, resistant to water and sun, autonomous energy.  
It has an embedded system that allows continuous charging  
without human intervention. (OAPI patent)*