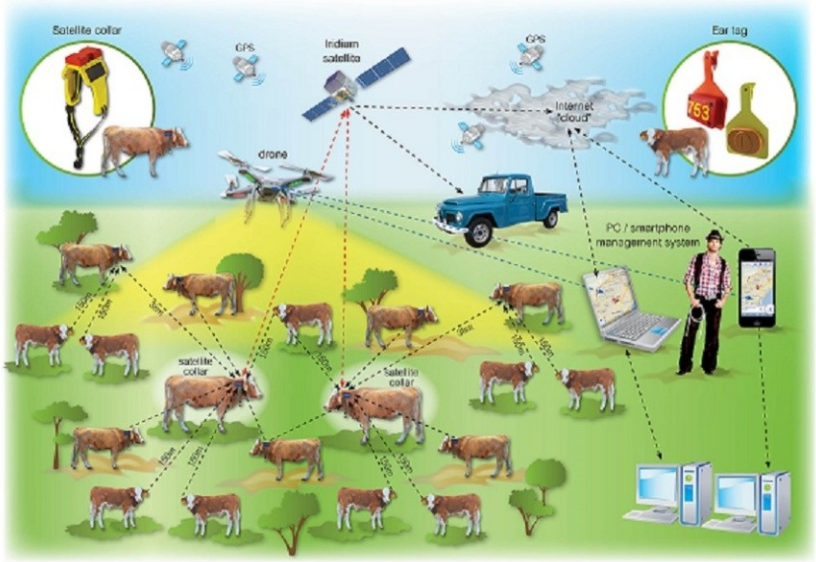
CattleWatch
Taking care of your herd

Remote Monitoring Cattle Physiological system

- ✓ Increasing yield (calves delivery) by 25%
- ✓ Identified Illness, Theft, Oestrus, pregnancy, Calving, Bulls performance
- ✓ Saving 25% of cattle's herd operation cost



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The problem and the solution vision

CattleWatch
Taking care of your herd

1. 1.3 Billion cattle heads world wide

2. Out of the 1.3 heads are 700 million mothers locate in China, India, Australia, Africa and America

3. The 750 million cattle's mothers deliver ONLY 350M calves (Yield = 50%) a year

4. **Cattle-watch can increase the 350M delivery calves a year up to 420-450 million**

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System performance to the farmer

CattleWatch
Taking care of your herd

1. Identified Illness, Panic, Oestrus, Pregnancy, Calving, Bulls performance
2. Counting the herd every 4 minutes (cellular) and 4 Hours (satellite)
3. Perform Geo fence
4. All Data deliver to the Farmer Cellular
5. World wide coverage with 66 Iridum satellite and cellular telefonica coverage

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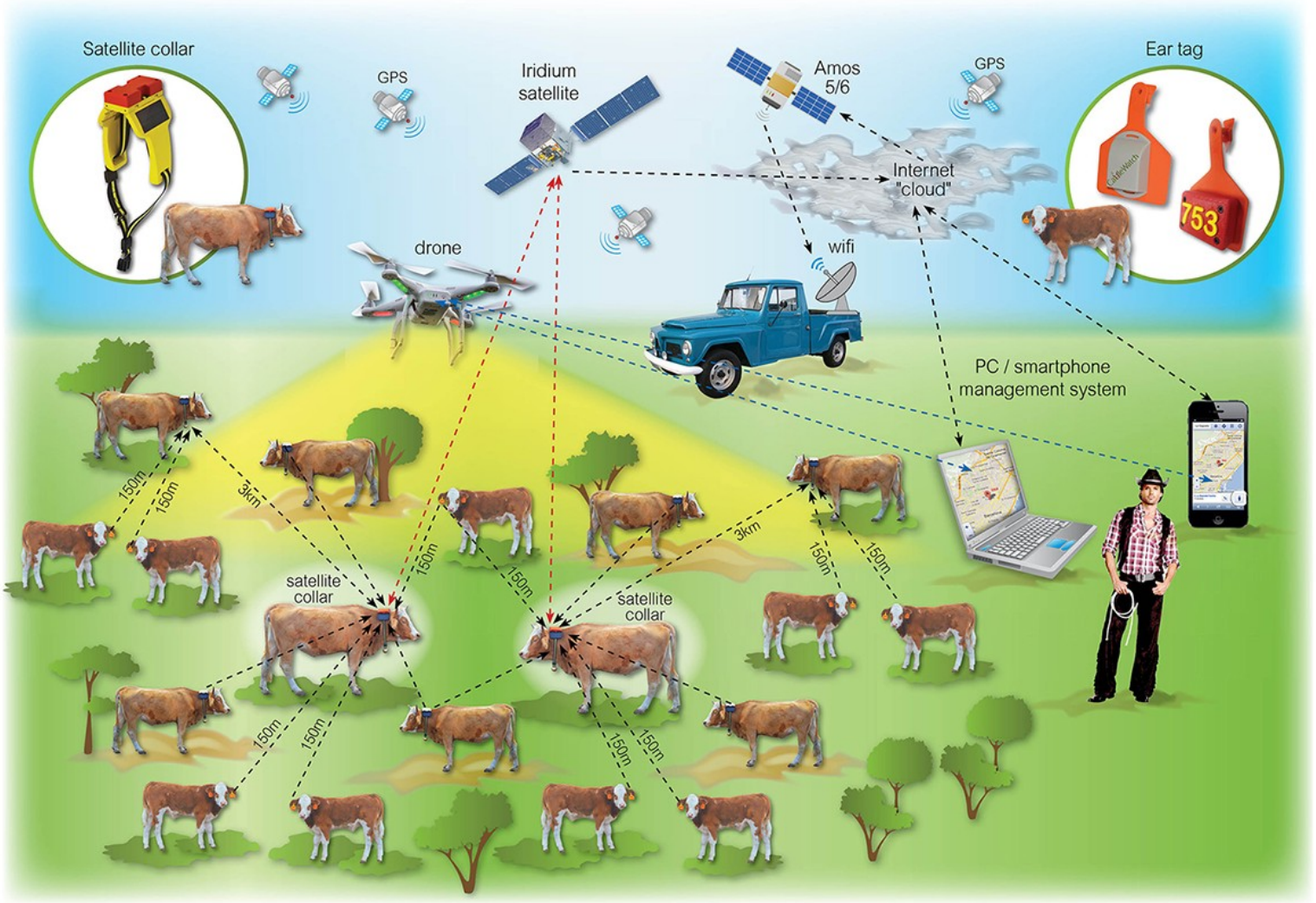
Deployment based on satellite coverage

CattleWatch
Taking care of your herd



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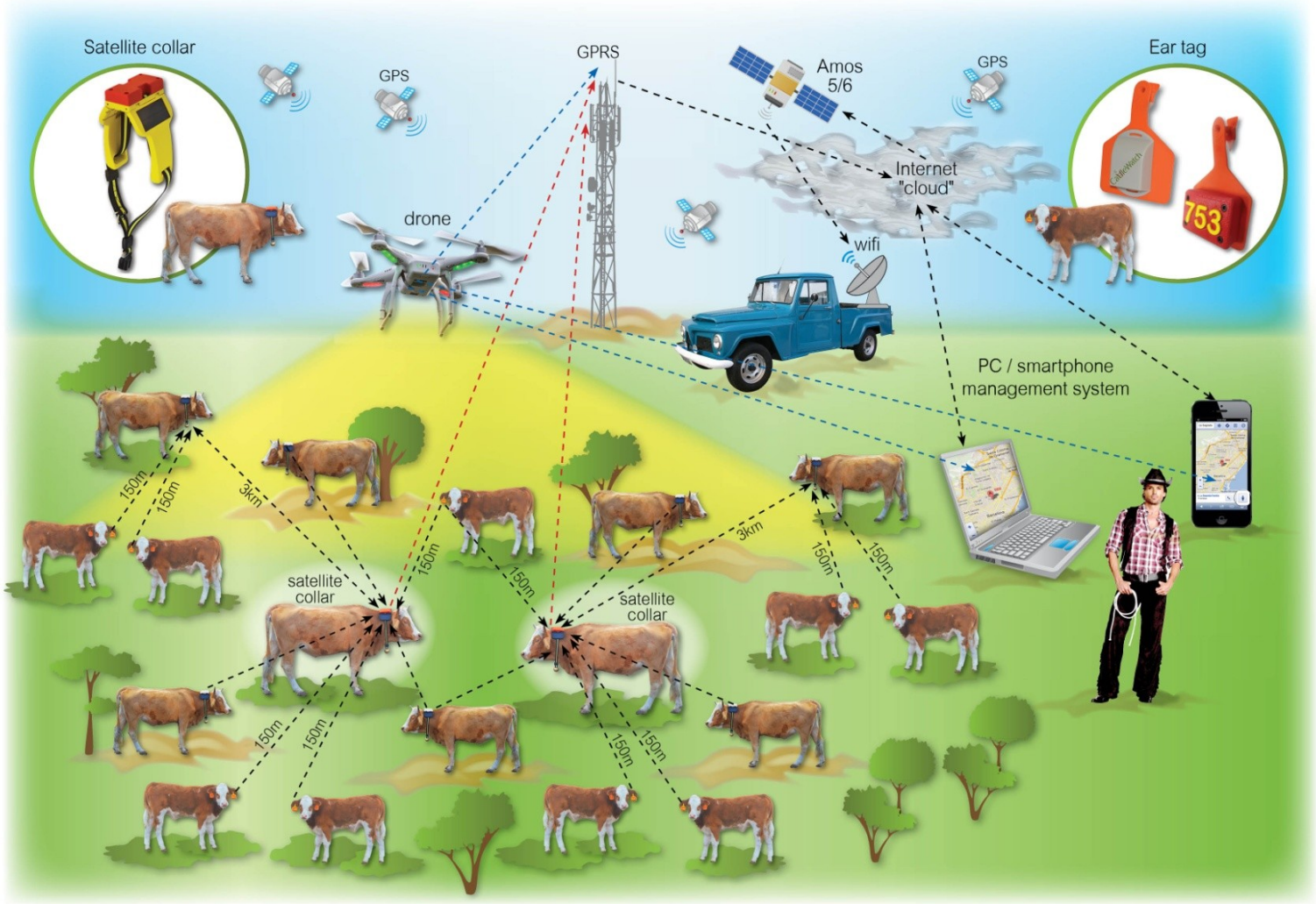
Deployment based on cellular coverag

CattleWatch
Taking care of your herd



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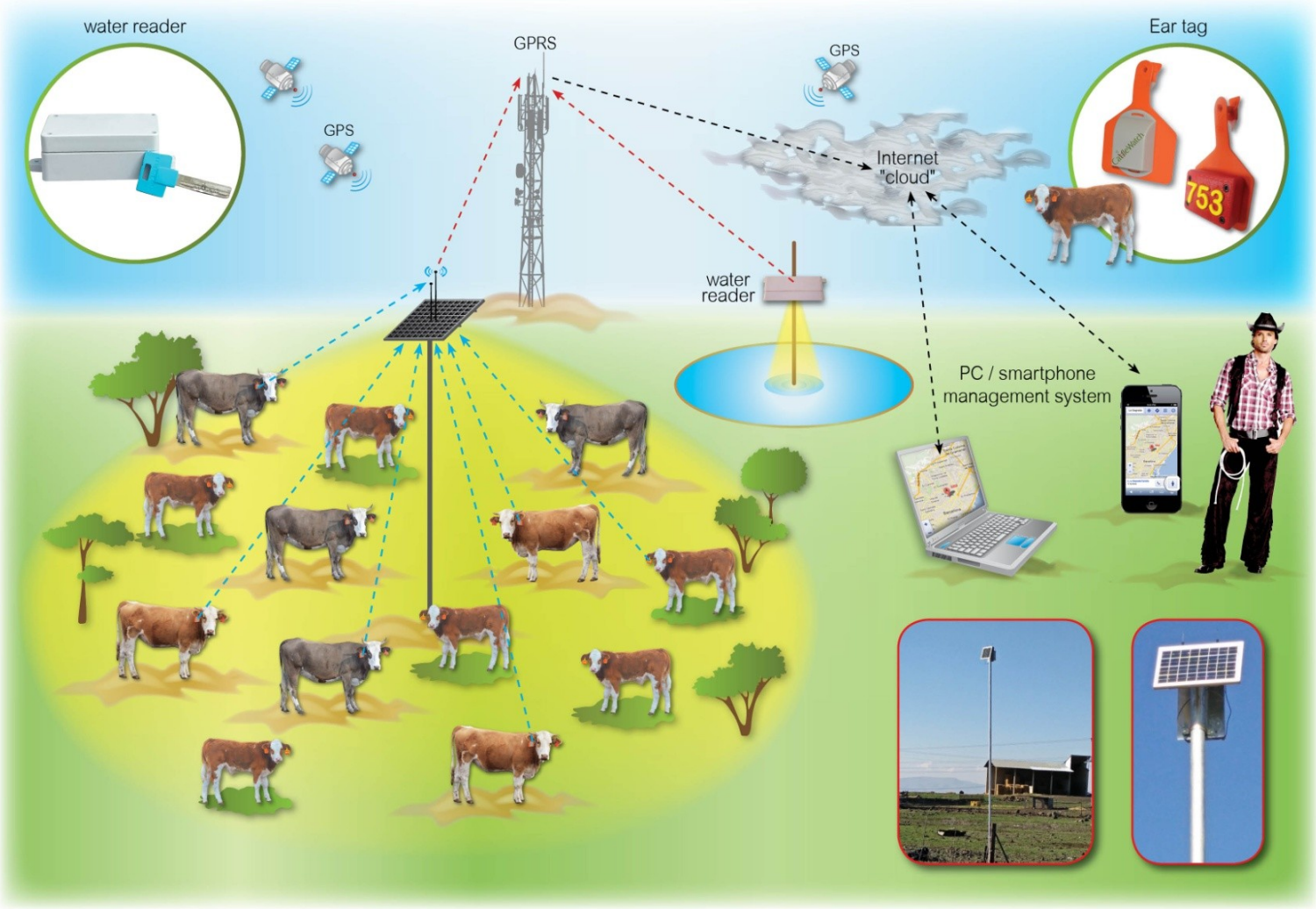
Deployment based on cellular coverage

CattleWatch
Taking care of your herd



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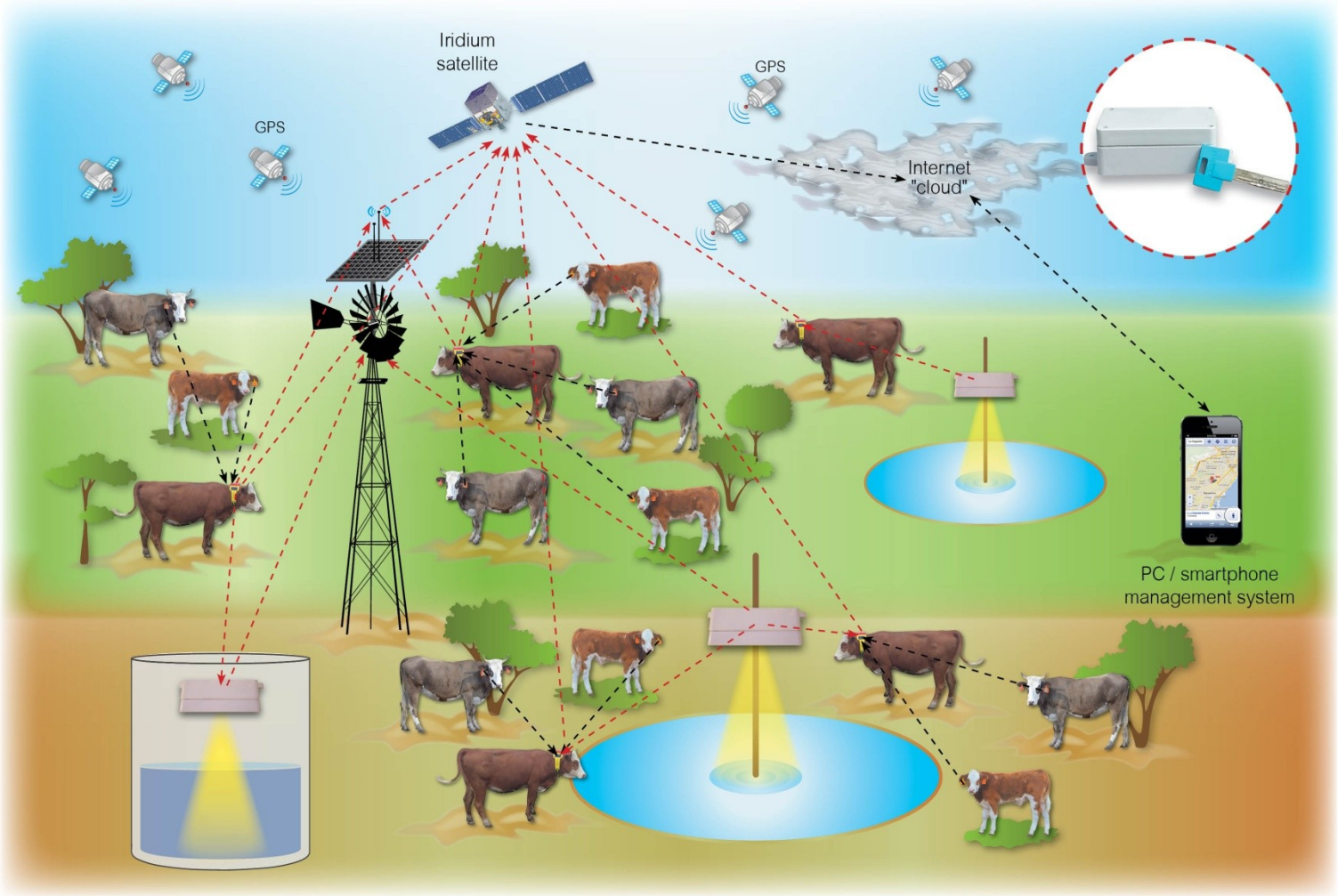
Satellite based + Water Reader

CattleWatch
Taking care of your herd



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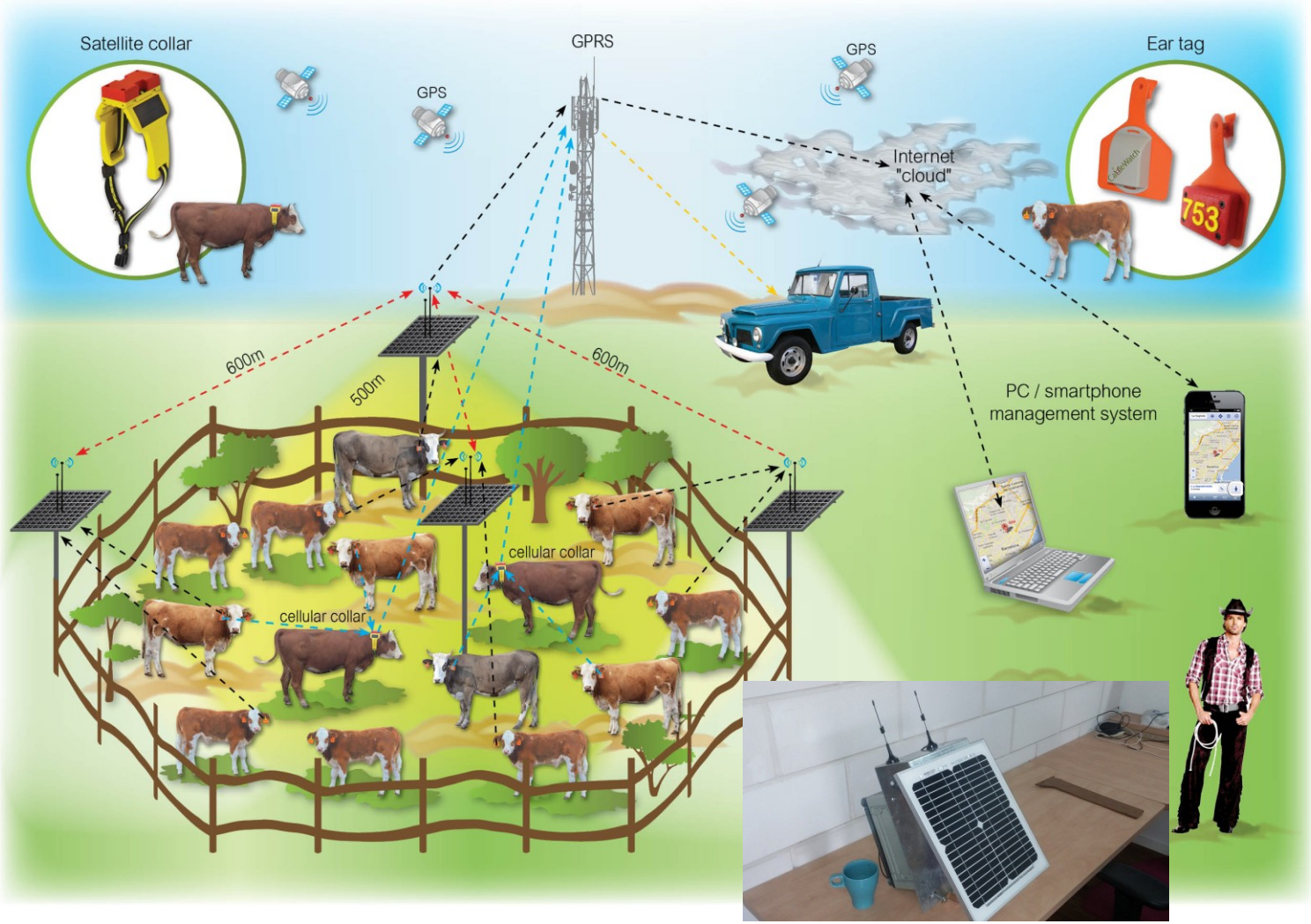
System Architecture (GPRS+Mesh)

CattleWatch
Taking care of your herd



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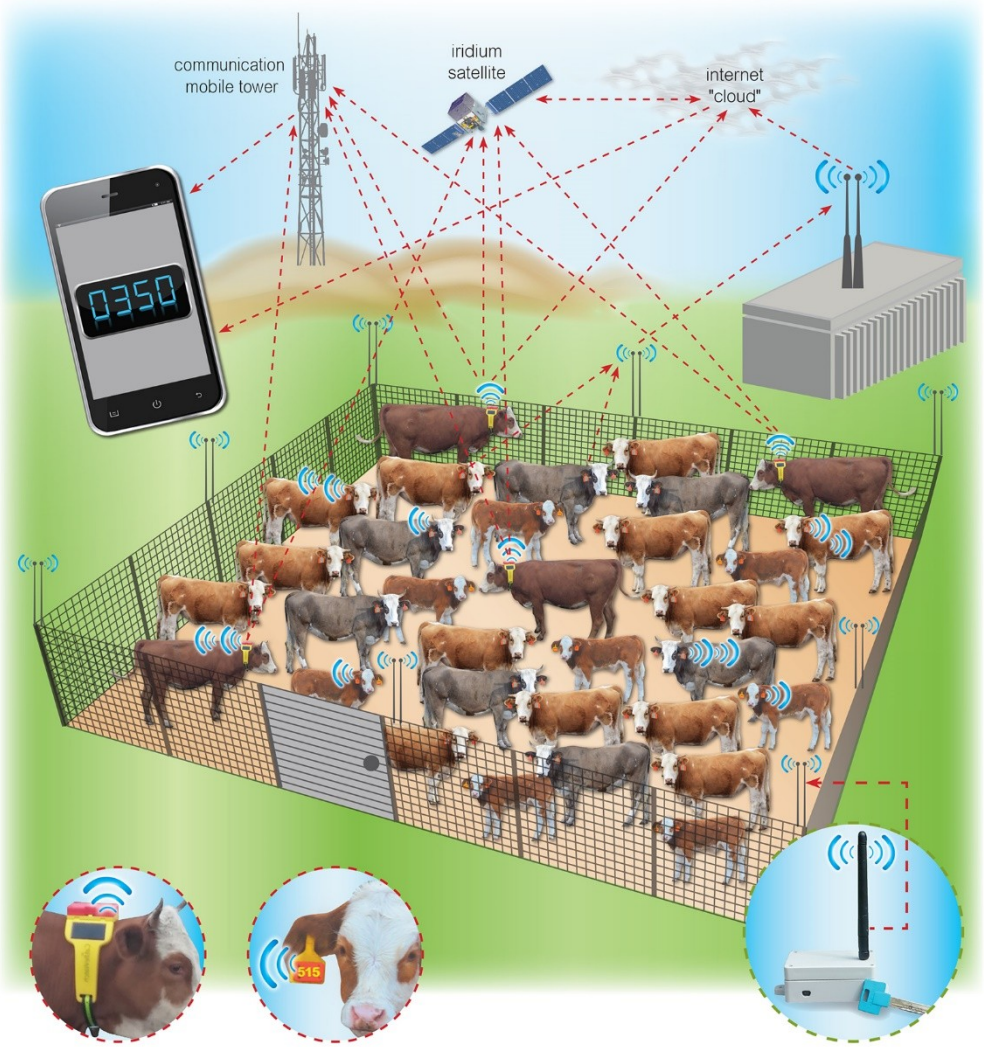
Feedlot theft early warning fence

CattleWatch
Taking care of your herd

- Detect the physiological condition of each animal every 30 seconds
- Real time reports delivered to a mobile device
- Any unusual cattle behavior can be identified
- Can operate in areas with or without cellular coverage
- Easy to install and operate



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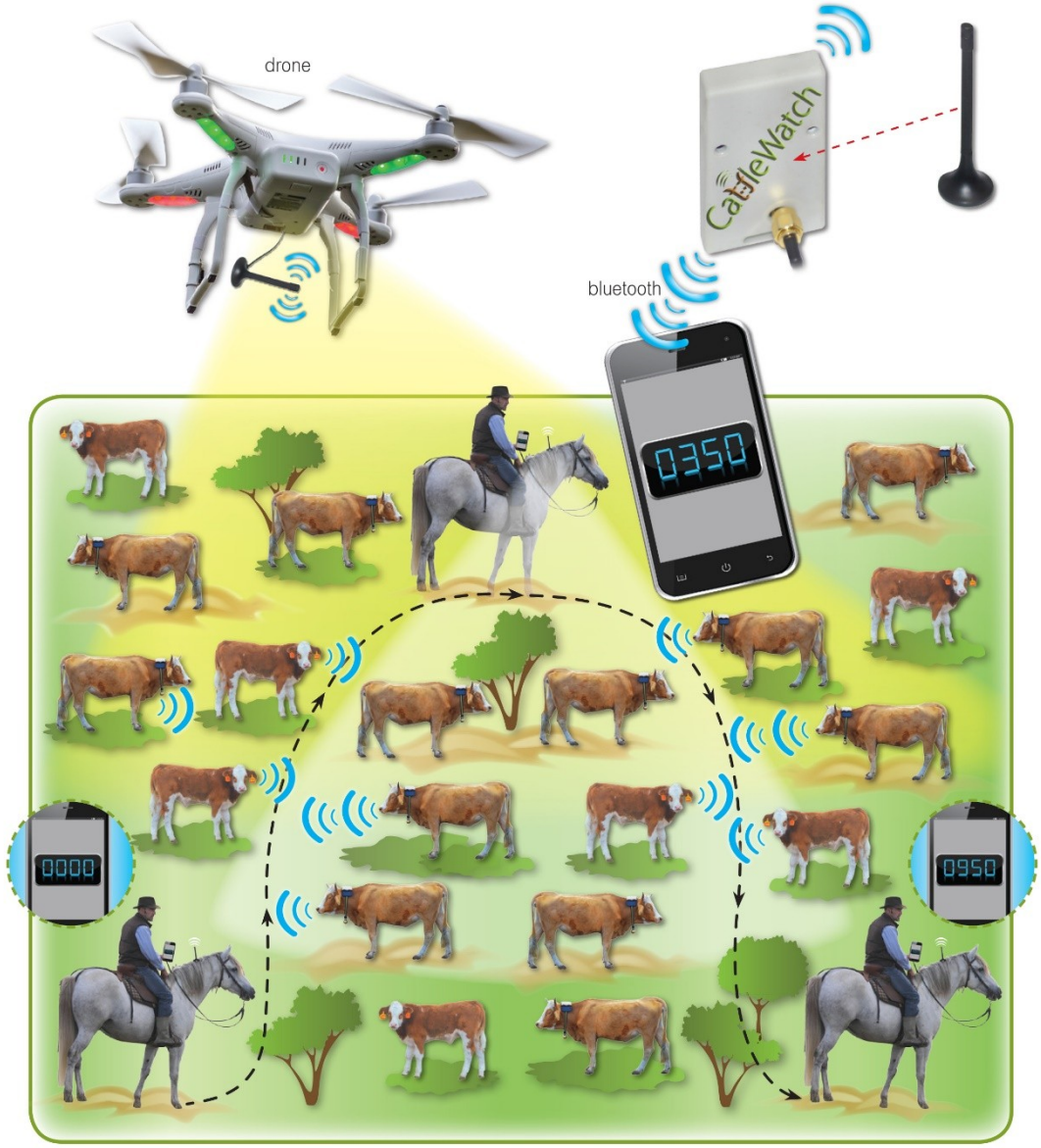
Cellular Cattle's Counter

CattleWatch
Taking care of your herd

1. 50g receiver collects ear tag transmission from up to 200m
2. Bluetooth connectivity between the receiver and a smartphone
3. Easy to use Graphical User Interface.
4. Dedicated counting application for smartphones
5. Able to be used in conjunction with a drone to automate counting



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Solution for Sheep & Goats

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