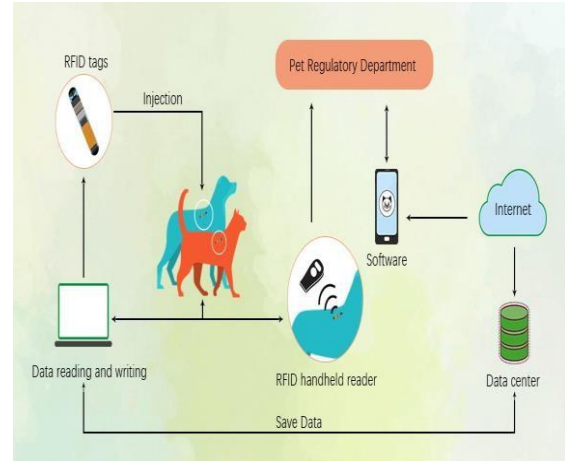


Animals Tracking System to Dairy Farms using RFID

While the Global economy is booming it is become increasingly apparent that this boom can also cause serious problems by spreading diseases from country to country by accident. This growing number of countries exporting animals to other countries has led to the establishment of record keeping standards that use RFID as the main identification. In DAIRY Farms to Track the Animals having disease or Most useful Animals or minimal uses Animals by their Milk Egg& Wool producing.

Objective

Track Animals & Yard Monitor location and availability and nos. of Animal. Improve Customer Satisfaction Levels RFID Makes Animal Tracking System, Efficient, Robust. Improve Responsiveness.



Challenges

Tag fixing Process to Animal.
Tag Tempering and removing by Animal.
Controlling Animal will be Manual.

Result

Reduce Pilferage, Shrinkage and Loss Through improved monitoring of RFID Enabled Animal and other shipments. Improve Revenues by providing end consumer information. Reduced Shelter cost by improve spacemanagement. Insurance companies register them by their tracking records.

Solution

This solution uses a unique numbered RFID tag fixed at Animal body that provides a very efficient method of identifying animals and collecting data far more efficiently. Each unique RFID tag can be linked to a database that includes that animal's specific information such as date of birth, inoculations, breeding specifics such as blood relation (pedigree), and more.

Animal Tracking Solution provides Farm Management for each individual animal and record keeping like Vaccination Details, Health, and Breeding Details.

Hardware/Software Components

- RFID Handheld Reader
- RFID Tags
- Dashboard Application