Medical theme

Wireless Stethoscope



https://www.ekuore.com/en/wireless-stethoscope/

Vein Finder

AccuVein



Caloric Density Milk Test Machine

Creamatocrit Plus



Biliblanket



Baby Monitor

Sproutling baby monitor



IV Tube leaking detection/ reverse blood flow detection

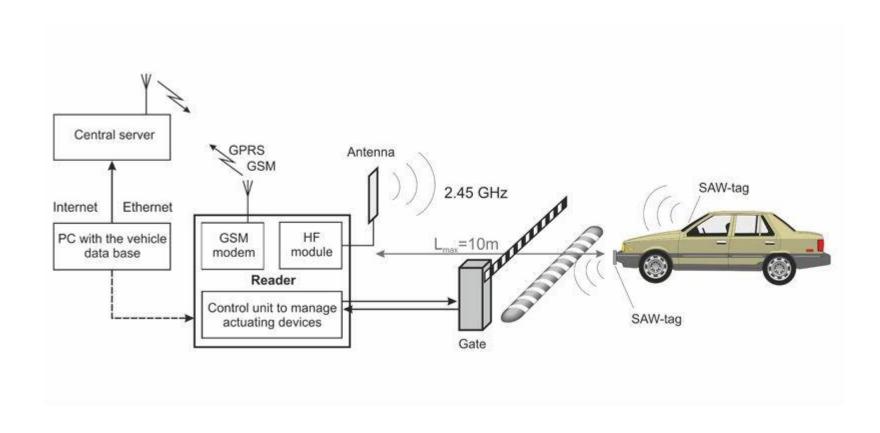


Surveillance theme

Gate Barrier System with Proximity Sensor



3-5 meters Passive RFID Reader based Vehicle Detection for Gate Barrier



Camera based Vehicle Detection for Gate Barrier



Vehicle Camera Streaming



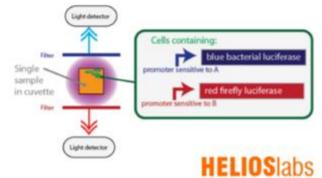
Agricultural theme

NPK Sensor

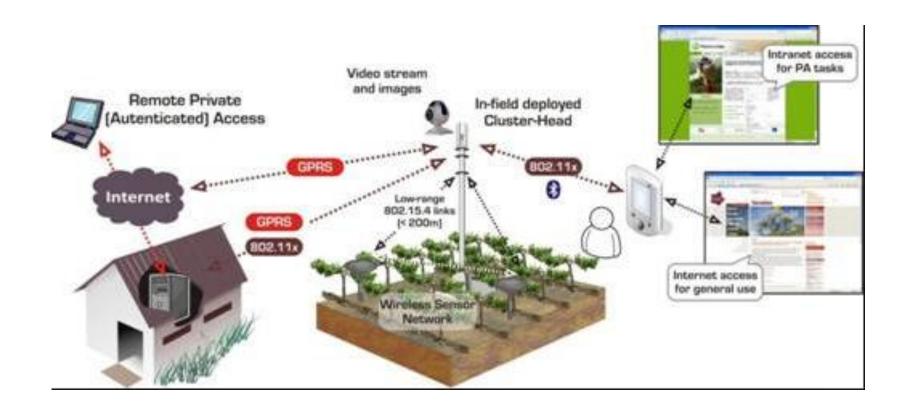


NPK Biosensor System

Three lines of *E. coli* bacteria modified to detect nitrogen, phosphorus, and potassium respectively. Each strain also contains bioluminescence genes to emit light upon detecting the respective nutrient they are tasked with detecting. Using Cambridge's E.glometer, an open source tool to quantify the amount of light emitted by bioluminescence bacteria, the amount of nitrogen, phosphorous, and potassium can be determined.



Wireless Sensor Network in Rice Farm



Smart Home theme

Smart Adapter with Wireless Sensor Network

