

## IoT -INTERNET OF THINGS

- “Internet working of physical devices, smart grids, vertical power plants, smart homes, intelligent homes, smart cities...”
- In biological devices-heart monitoring implants, bio-chip transponders embedded in farm animals, electric clams in coastal waters, DNA analysis for food pathogens
- All are a mixture of hardware, software, data and service
- Started with a Coke machine and later barcodes
- IIoT (Industrial Internet of Things) Agriculture where fields constantly measure weather conditions, rainfall, wind direction; Energy management; Healthcare, smart beds,
- Smart Cities –Santander, Spain 180,000 residents. Open parking places, environmental measures, water quality, smart traffic grid, even notifies merchants when customers are headed their way