



**INFIIOT TECHNOLOGIES  
PVT. LTD.**

## Today's Agenda

- Company brief
- Discussion on IoT
- Problems Industries have been facing
- How Our Products Solve problems
- What we have to offer for your Institute



## Our Domains

- Industrial Automation
- Electronics Product Design
- Electronics Product Consultancy

## What we do

- Work with Industries, agricultural, medical, defence(DRDO, ARDE & ISRO) and Institutes on technological solutions
- In-house Products: IoT platform solutions, precision sensors, and other application devices

## Our Vision:

To be a world class leader in creating fine technological solutions when it comes to Internet of Things and making a smooth and noteworthy transition of industries to Industry 4.0.

## Our Mission:

To offer a one-stop IoT Suite solution containing most advanced and easy to use IoT hardware and IoT Software platform and to exchange our expertise with students.



## What is IoT?



Simply, IoT is...

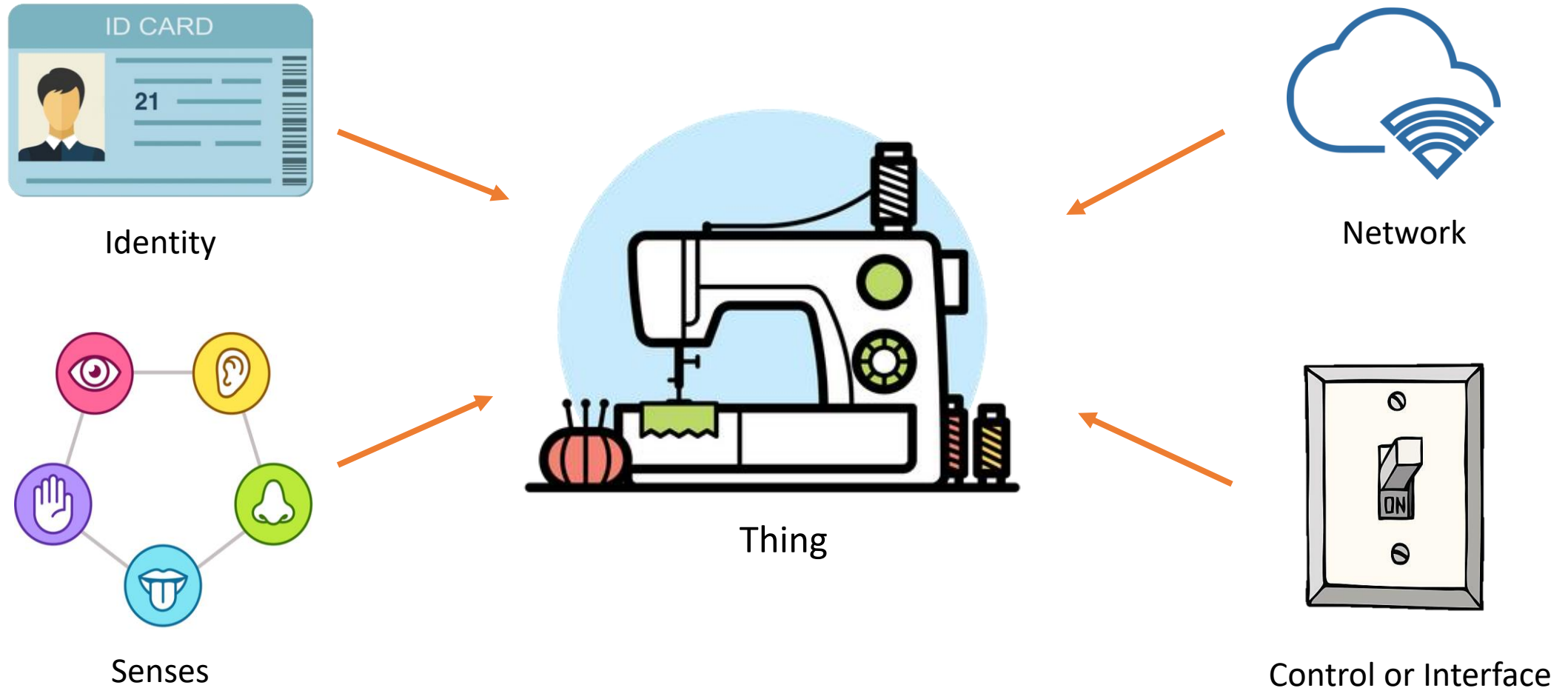
## 5TI – Things That Talk To The Internet



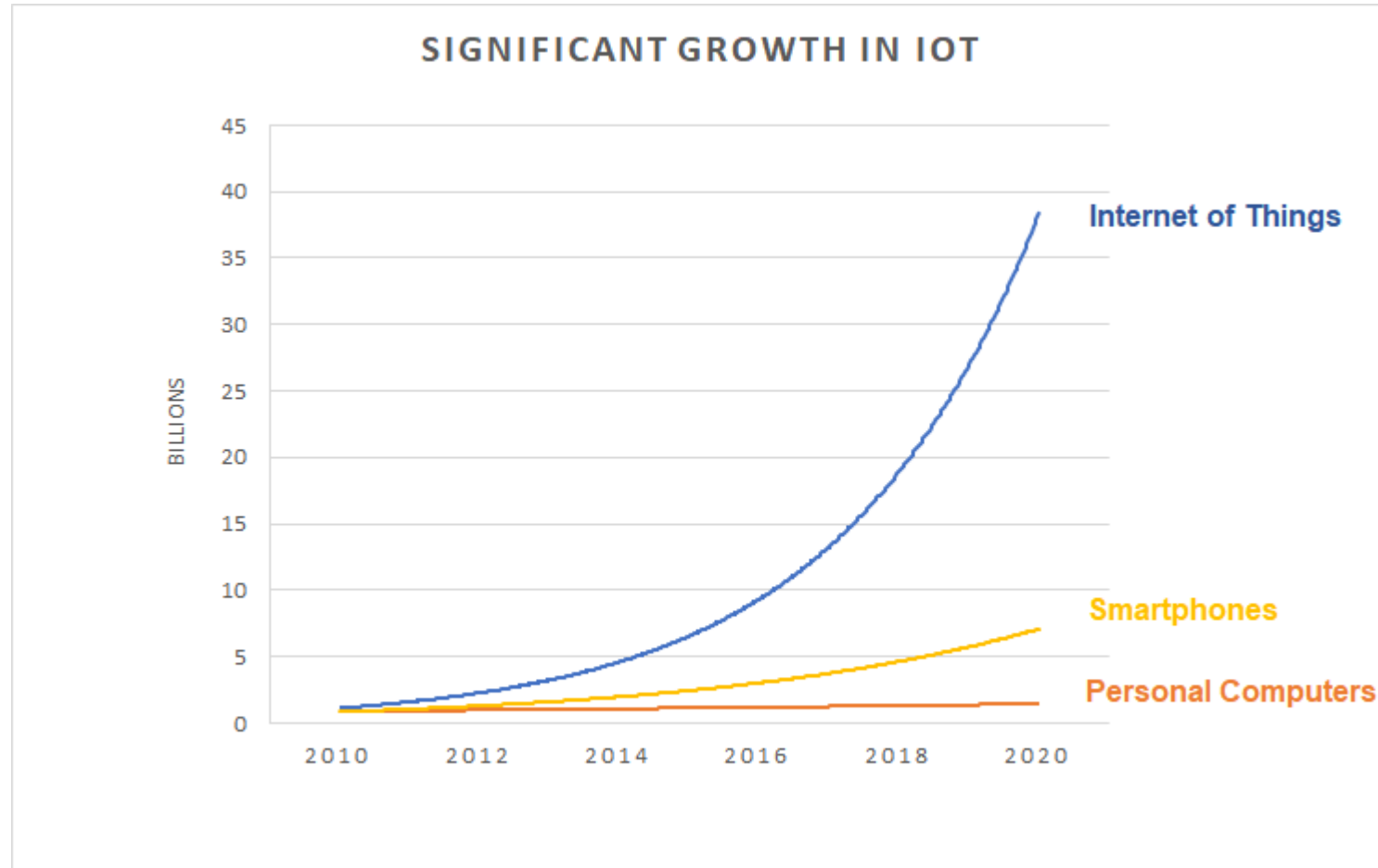
Everything: can be goods, objects, machines, applications,  
buildings, vehicles, animals, people, plants, soil



## How to make a “Thing” Smart?



# Problems in IoT Industry



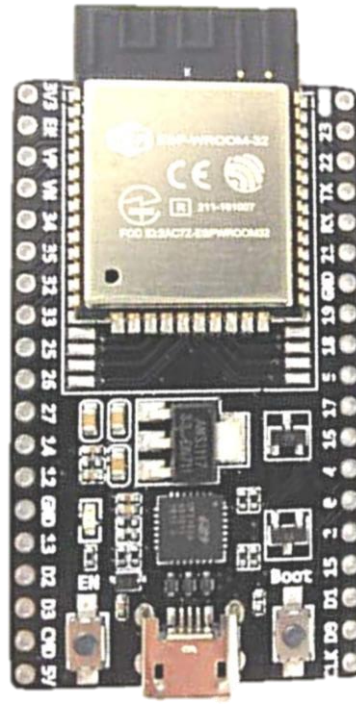
*Internet of Things 2015 study by Business Insiders*



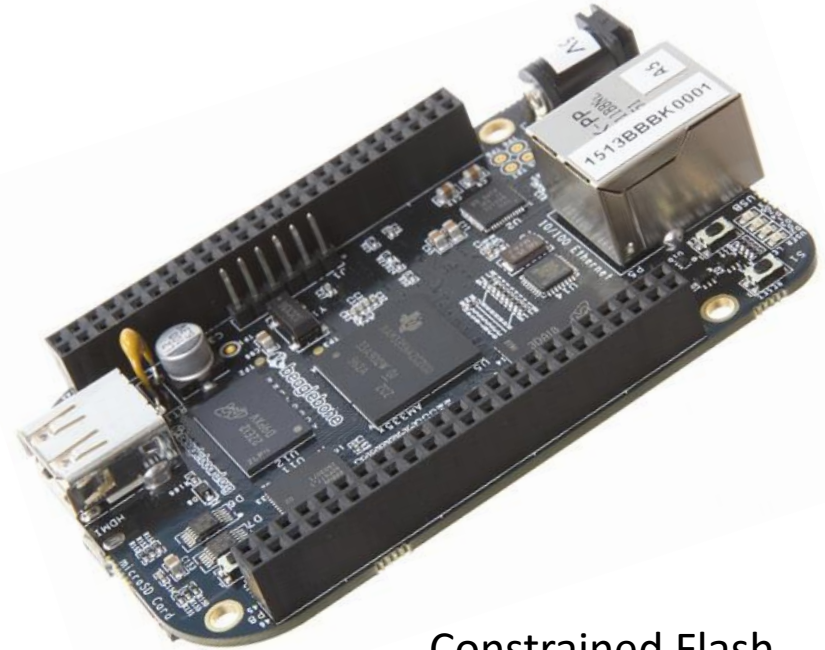
## Constrained Devices (Microcontrollers)



Constrained Memory



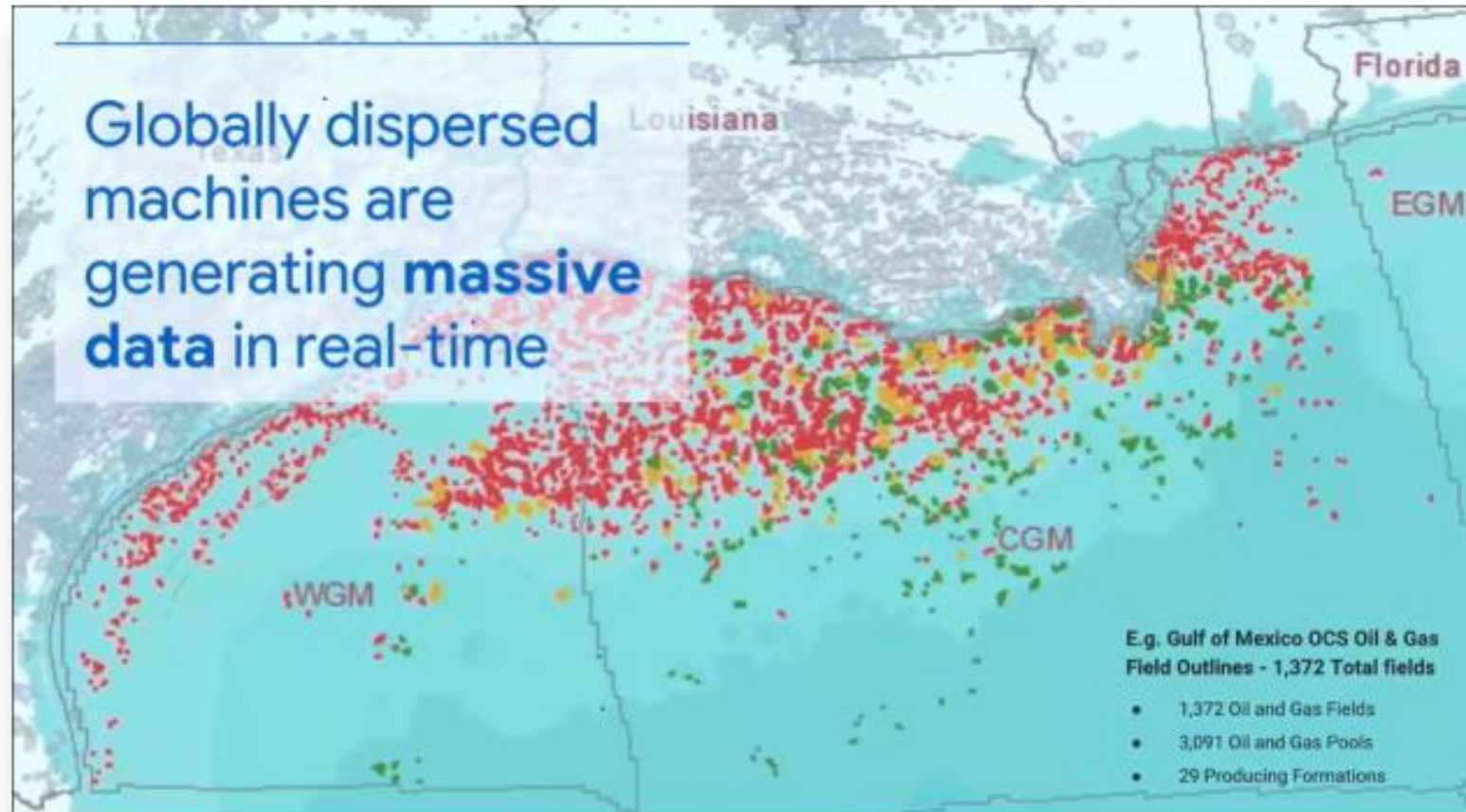
Constrained CPU



Constrained Flash

## Managing Large Amounts of Data

The amount of data transactions done per day just in the gulf of Mexico is 11.5 TB !! That's massive.



## Significance of IoT Platform in IoT

Fully Managed Service to securely connect and manage your global device network

Expanding the capabilities of your constrained devices

Cheap + Complex Smart Devices

## What Institutes have got in there IoT Labs?

Microcontrollers

Hardware Kits

Microprocessors

Sensors

Actuators

Wireless Communication Modules

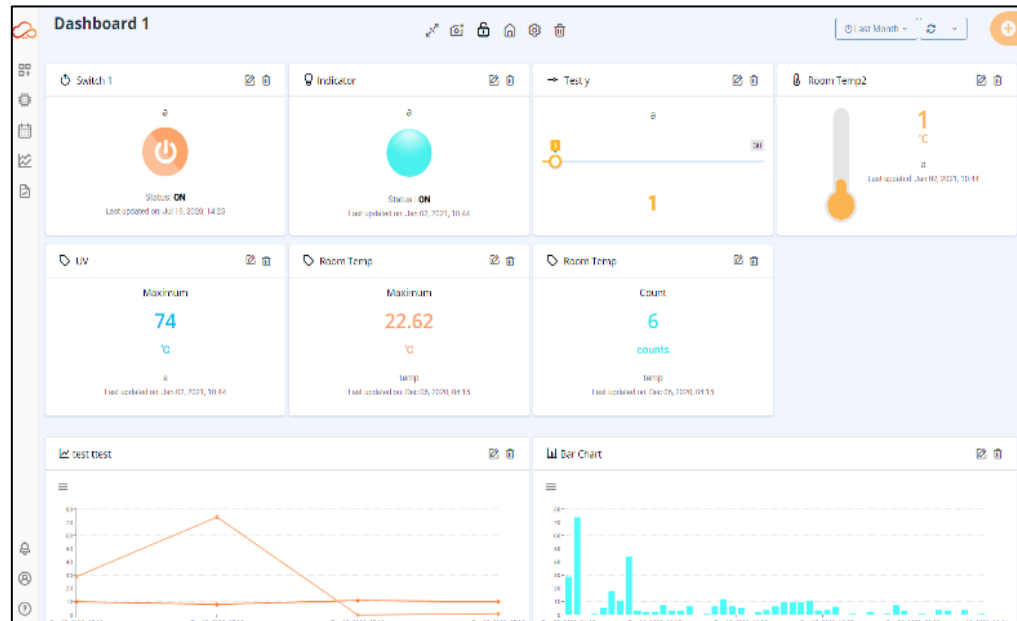


INFIIOT TECHNOLOGIES

# Our Offer

## InfiiIoT Platform

The Most Futuristic IoT Platform



## InfiiSense

A Practical Approach to IoT





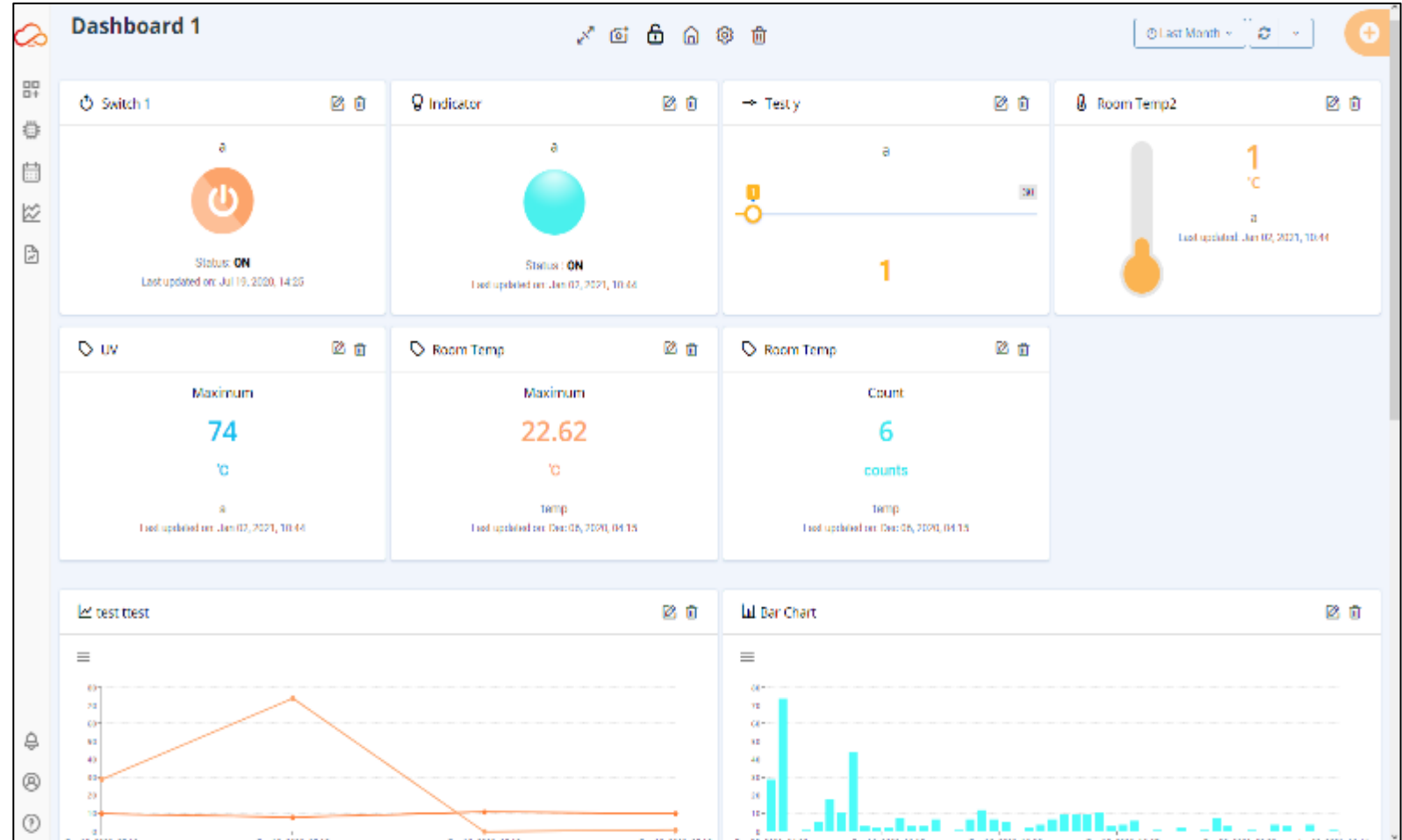
INFIIOT TECHNOLOGIES

# InfiiIoT Platform



## INFI-IOT PLATFORM

- 100% managed system
- Scalable
- Redundancy
- Global Endpoint
- Handling Large Data
- Security







INFIIOT TECHNOLOGIES

# InfiSense



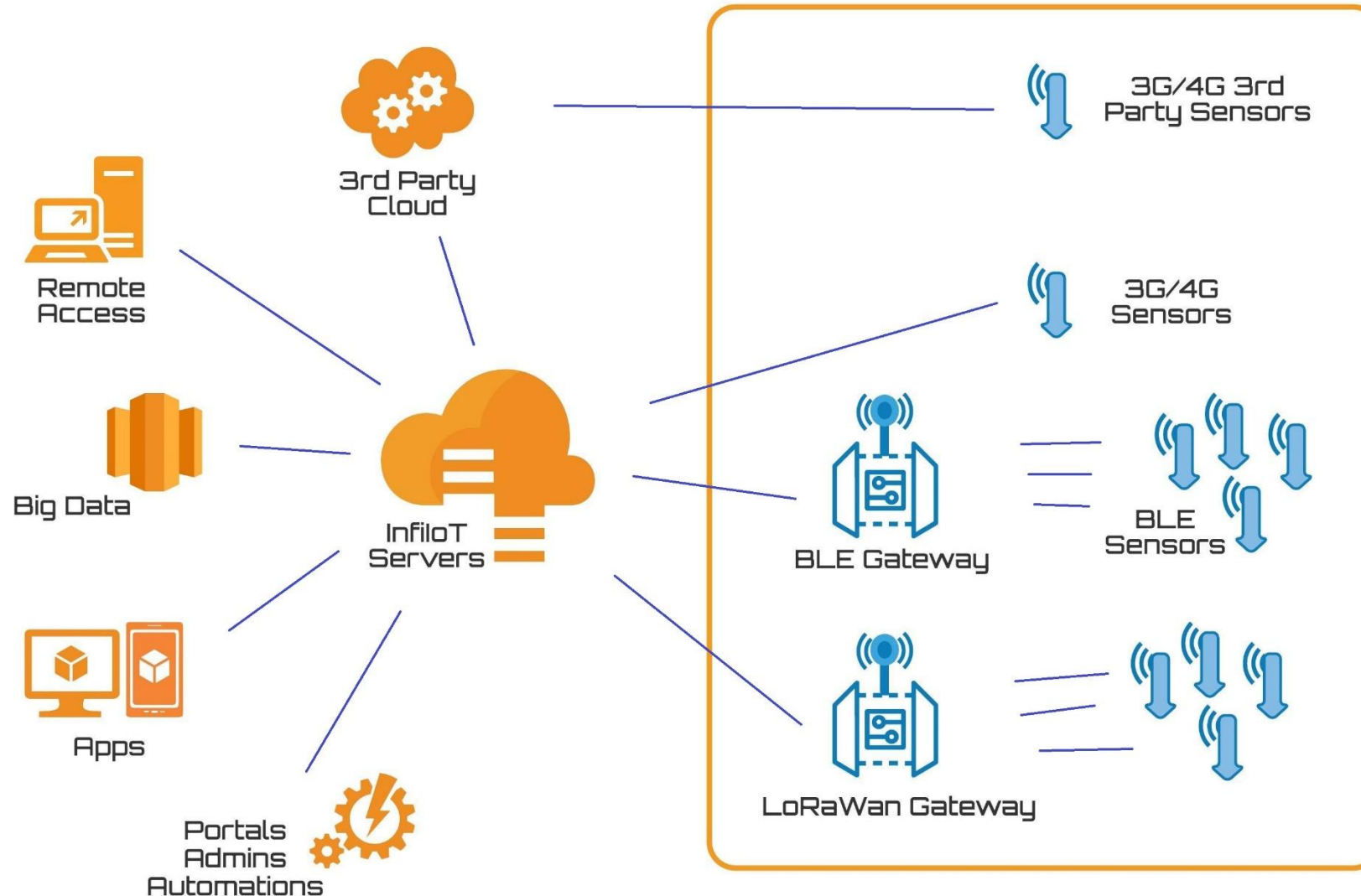


INFIIOT TECHNOLOGIES

# Demo

**Let's go for some Hands Onn...**





## **Following are the lab topics covered with InfiIoT and InfiSense Agricultural Case Study**

- Interfacing devices with sensors and actuators to IoT Cloud Platform
- Various concepts, terminologies and architecture of IoT Cloud systems
- Understand and apply protocols for design of IoT systems
- Develop IoT solutions and implement cloud services through case studies
- Use visualization techniques to show data generated from the IoT devices
- Discover the fundamentals of Cloud Computing



## Current Offering

- InfilIoT Platform
- InfiSense Case Study (Agricultural)

## In coming months

- Healthcare Case Study
- Industrial Case Study
- Wireless Sensor Nodes
- NRF9150 Play Board [Top Notch IoT Development Package]
- Sensor Kits with multiple IoT devices



# Thank You

Thank you for taking the time to go through this Product Demo.  
If there are any questions or comments, please feel free to contact us.