

**INFIOT 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 & Mission

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.



INFIOT TECHNOLOGIES

IoT (5TI)

What is IoT?



INFIOT TECHNOLOGIES

IoT (5TI)

Simply, IoT is...

5TI – Things That Talk To The Internet



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



INFIOT TECHNOLOGIES

IoT (5TI)

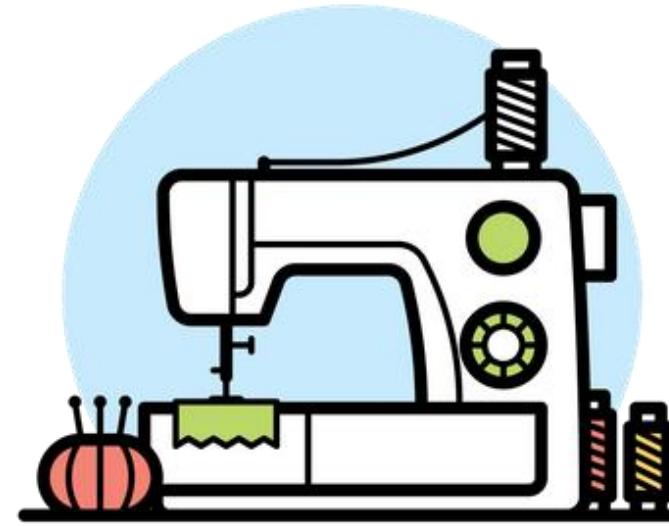
How to make a “Thing” Smart?



Identity



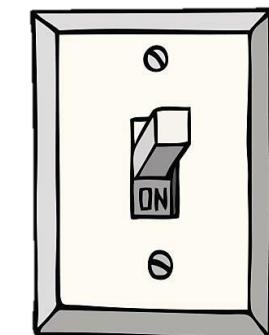
Senses



Thing



Network



Control or Interface



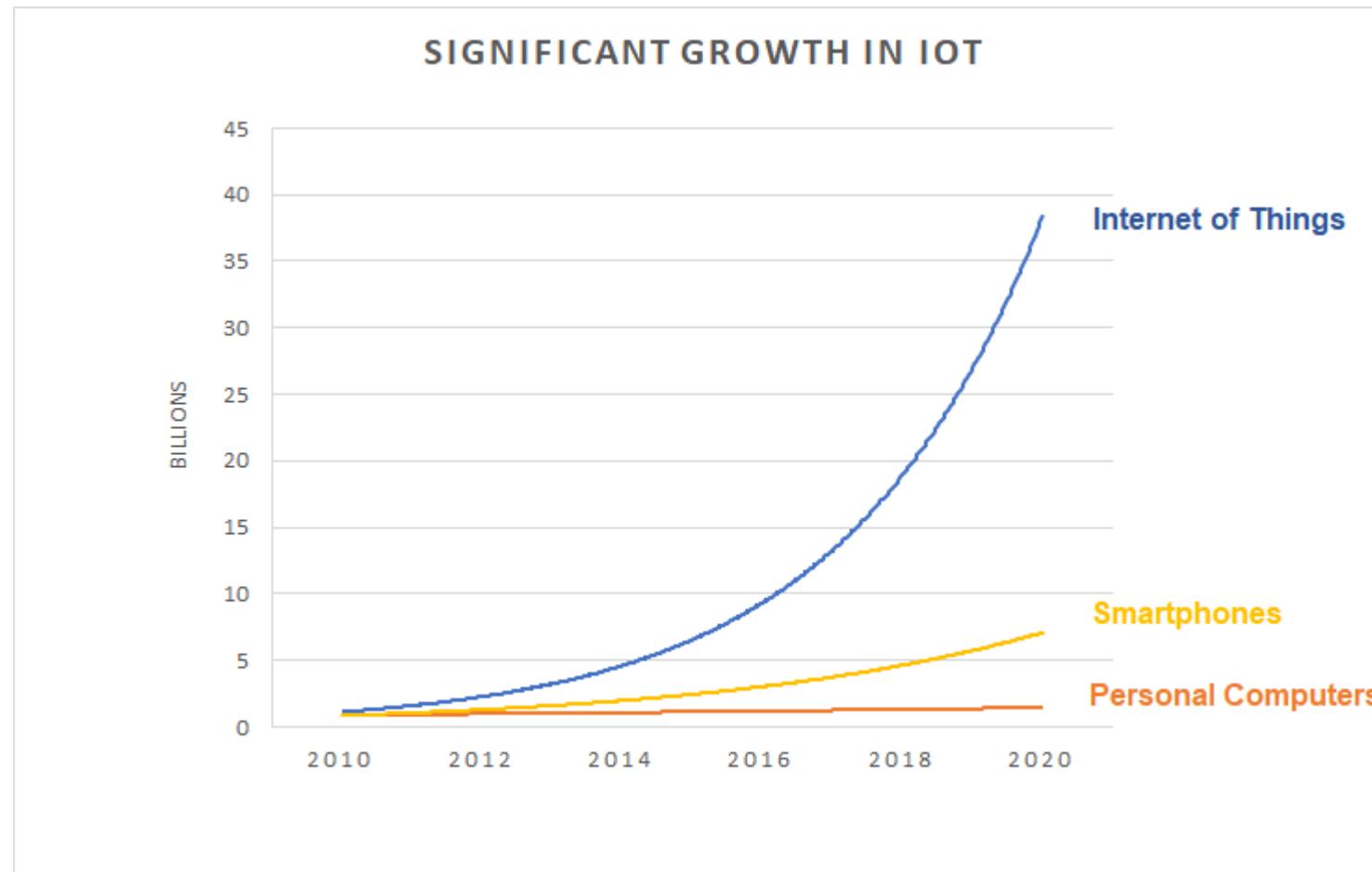
INFIOT TECHNOLOGIES

Problems IoT Industry have been facing



INFIOT TECHNOLOGIES

Problems in IoT Industry



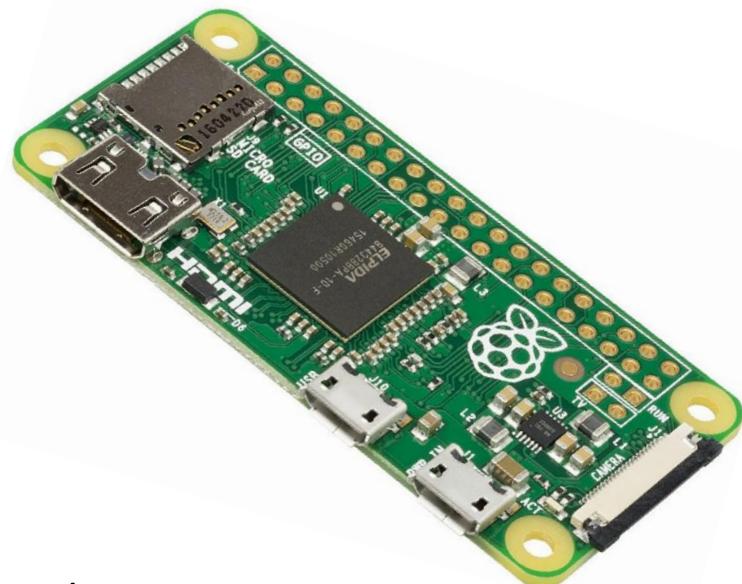
Internet of Things 2015 study by Business Insiders



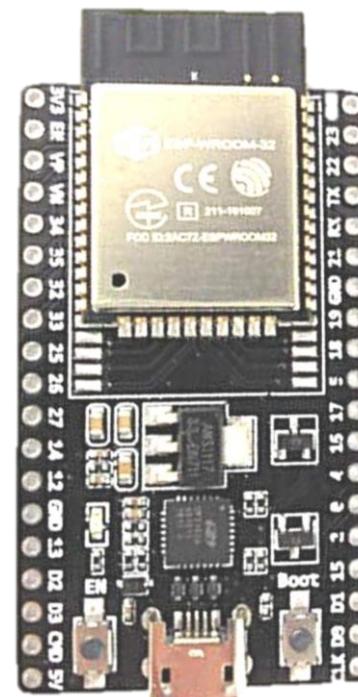
INFIOT TECHNOLOGIES

Problems in IoT Industry

Constrained Devices (Microcontrollers)



Constrained Memory



Constrained CPU



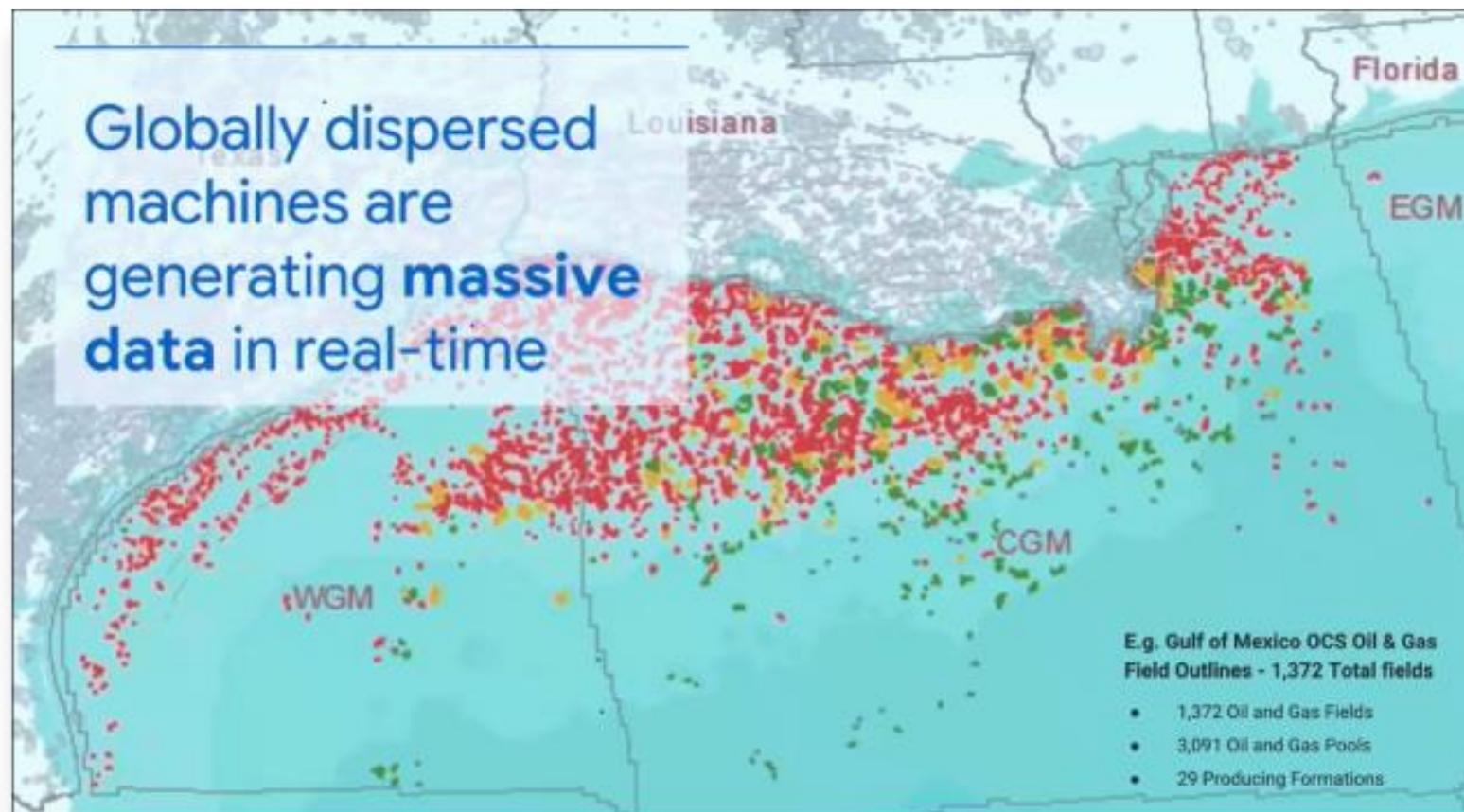
Constrained Flash



Problems in IoT Industry

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.





INFIOT TECHNOLOGIES

Problems in IoT Industry

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



INFIOT TECHNOLOGIES

IoT Lab Requirements

What Institutes have got in there IoT Labs?

Microcontrollers

Hardware Kits

Microprocessors

Sensors

Actuators

Wireless Communication Modules

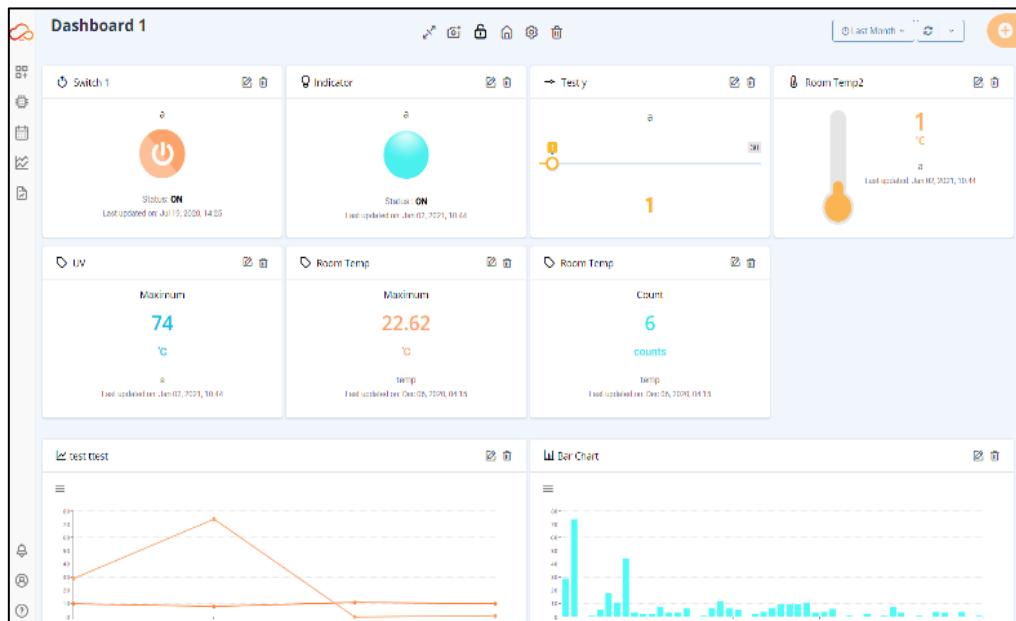


InfiIoT TECHNOLOGIES

Our Offer

InfiIoT Platform

The Most Futuristic IoT Platform



InfiSense

A Practical Approach to IoT





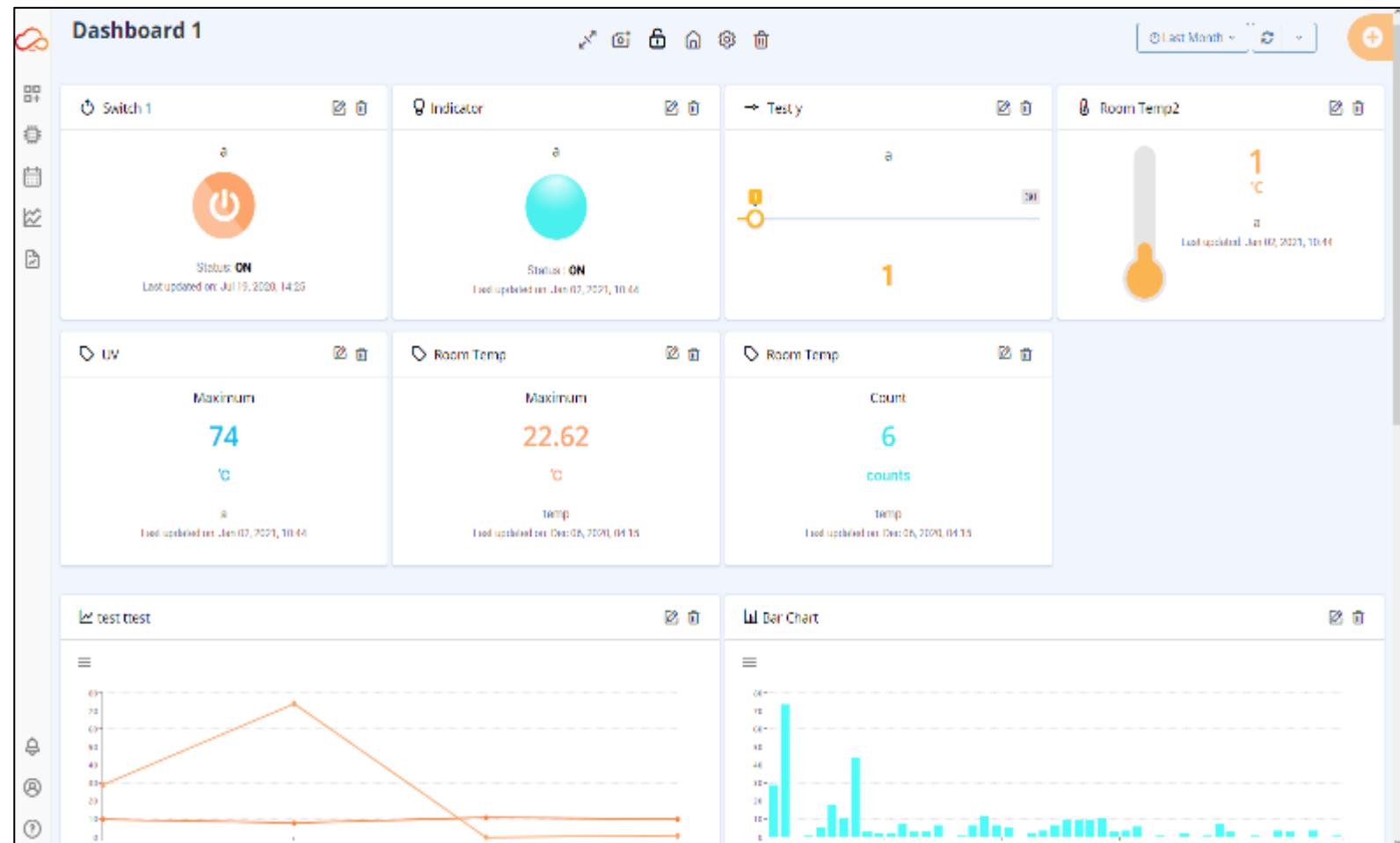
INFI-IOT TECHNOLOGIES

InfiIoT Platform



INFI-IOT PLATFORM

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





INFIOT TECHNOLOGIES

InfiSense





INFIOT TECHNOLOGIES

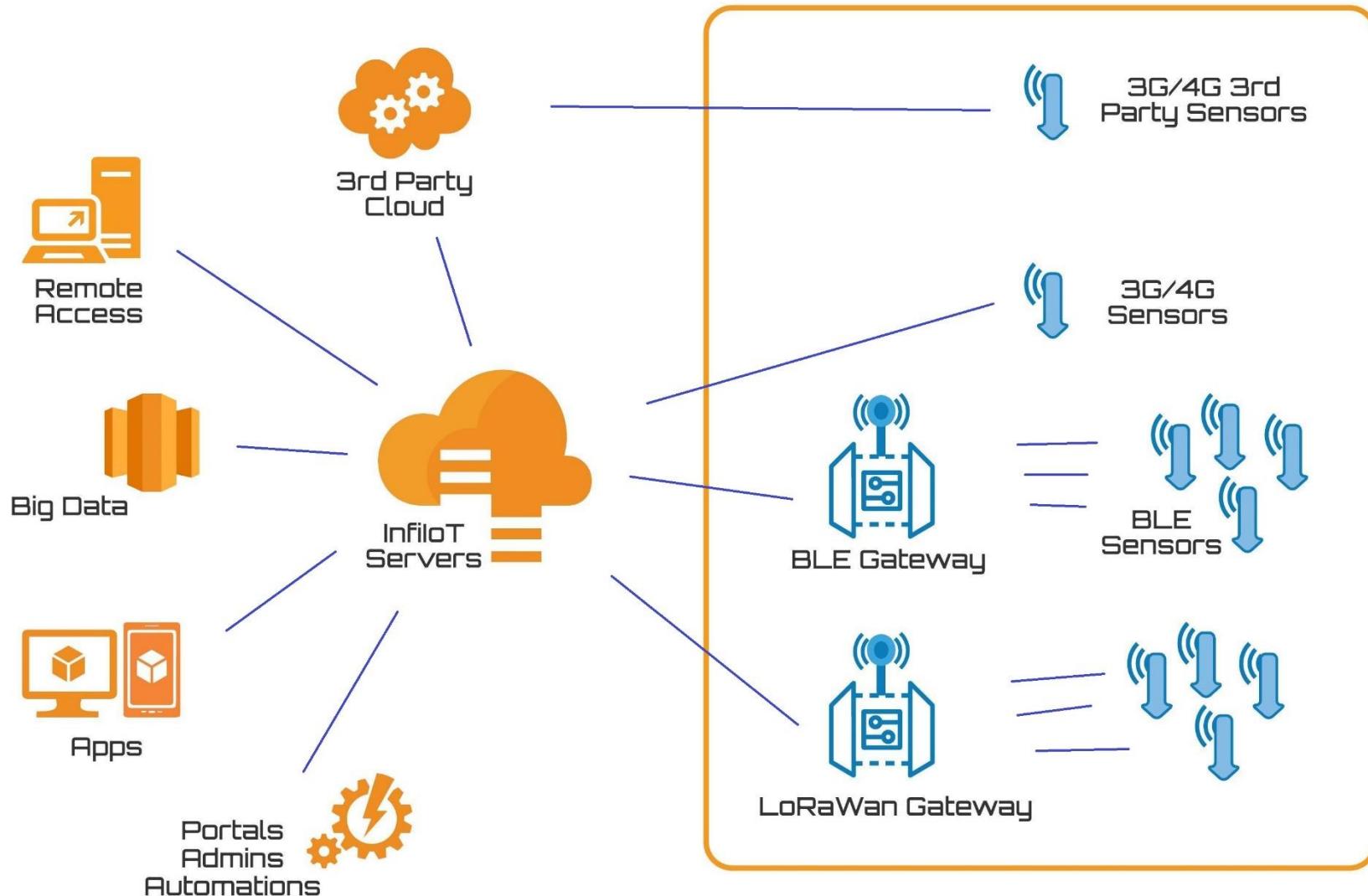
Demo

Let's go for some Hands Onn...



INFIOT TECHNOLOGIES

IoT Architecture





Topics Covered

Following are the lab topics covered with InfiloT 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



INFIOT TECHNOLOGIES

Offerings

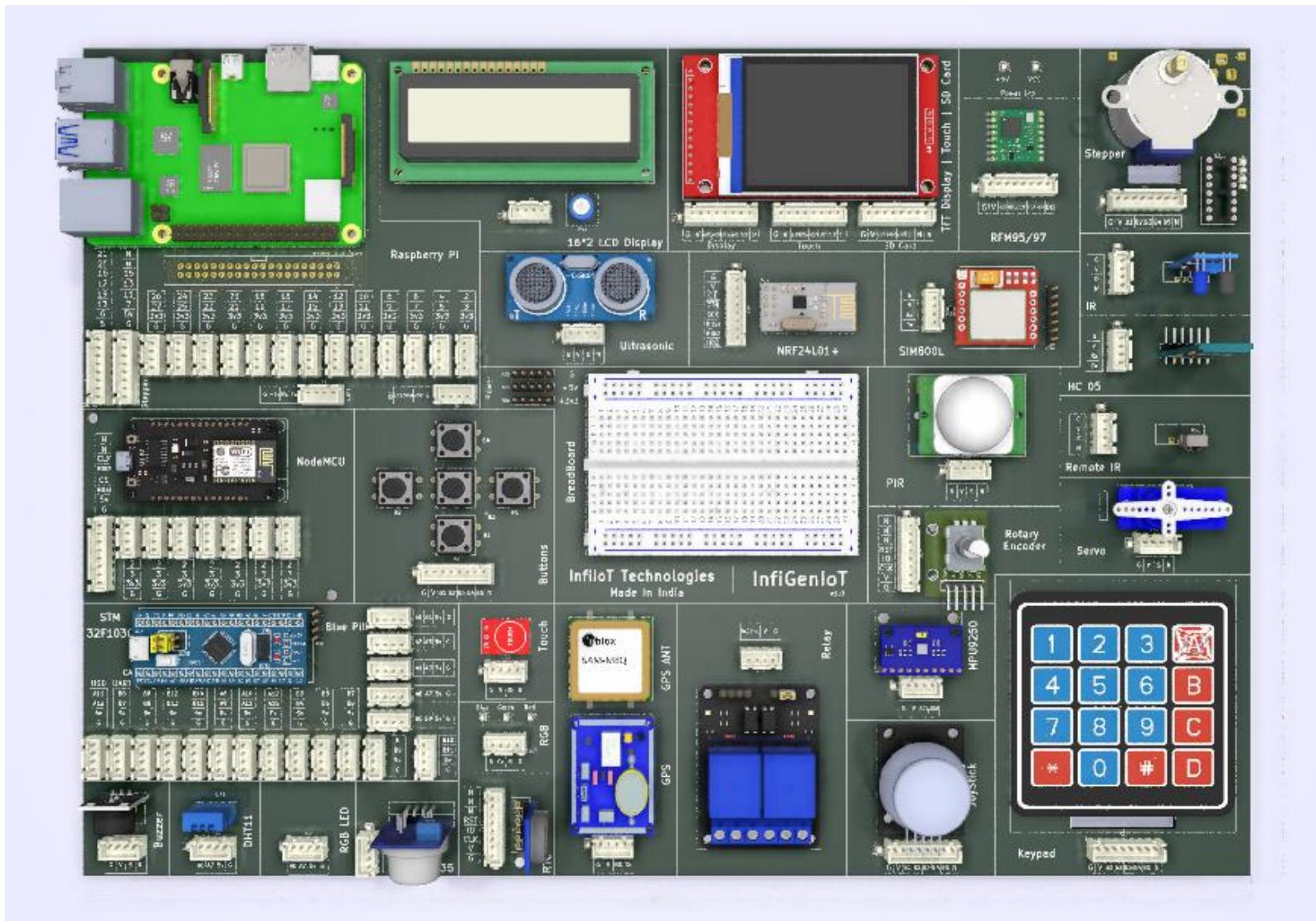
Complete IoT Lab Solution

- **InfiloT** - Futuristic IoT Platform
- **InfiSense** - Case Study (Agricultural)
- **InfiCare** - Case Study (Healthcare)
- **InfiMesh** - Wireless Sensor Network
- **InfiGenIoT** - Multipurpose Sensors and controller IoT Kit



INFIOT TECHNOLOGIES

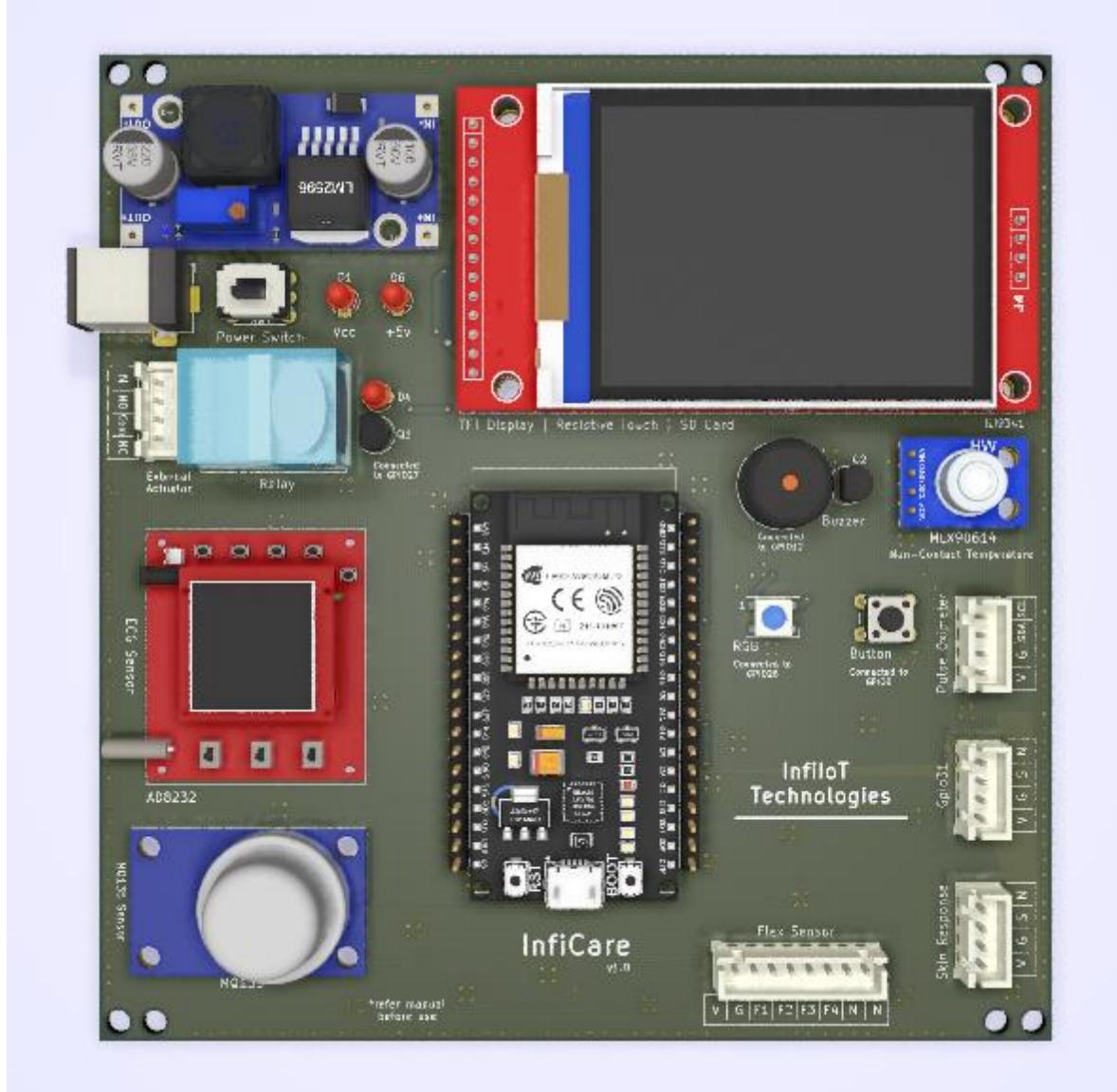
InfiGenIoT





INFIOT TECHNOLOGIES

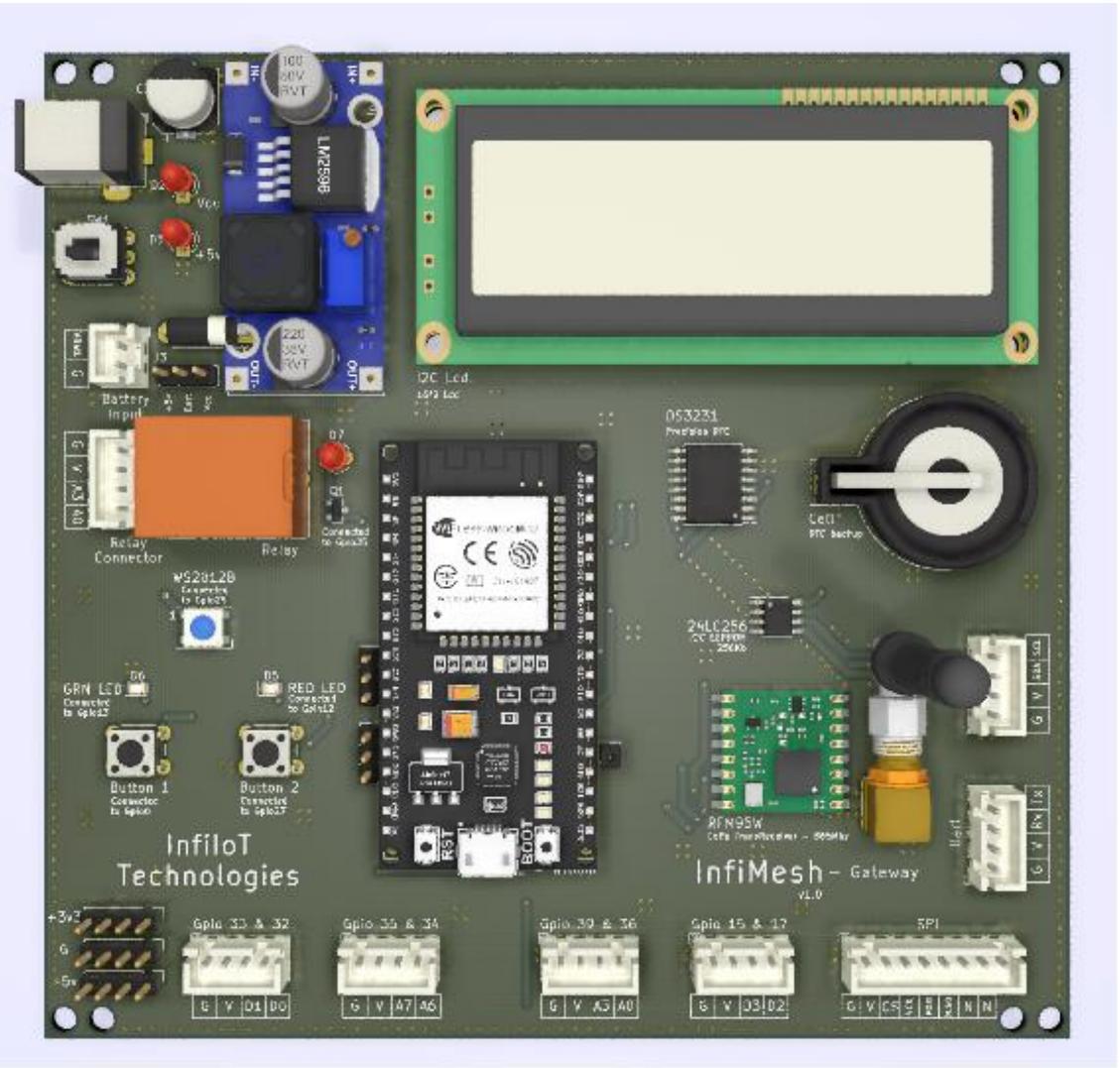
InfiCare





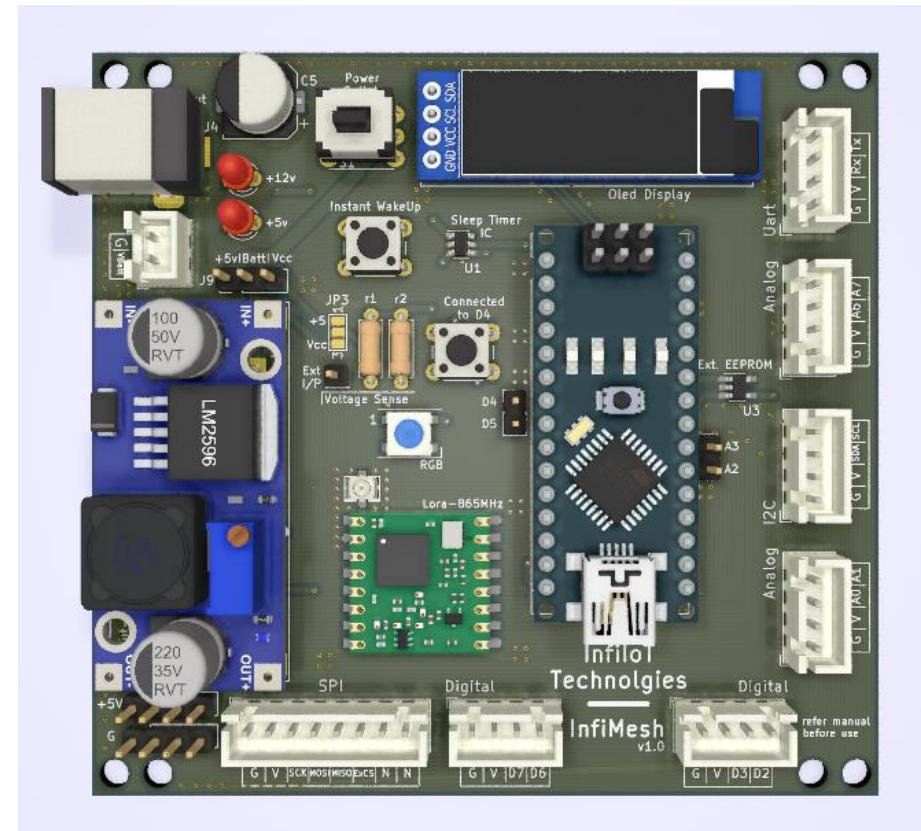
InfiIoT TECHNOLOGIES

InfiMesh



WSN Gateway

WSN Node





INFIOT TECHNOLOGIES

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.

info@infiottechnologies.com