

**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



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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.



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IoT (5TI)

What is IoT?



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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



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IoT (5TI)

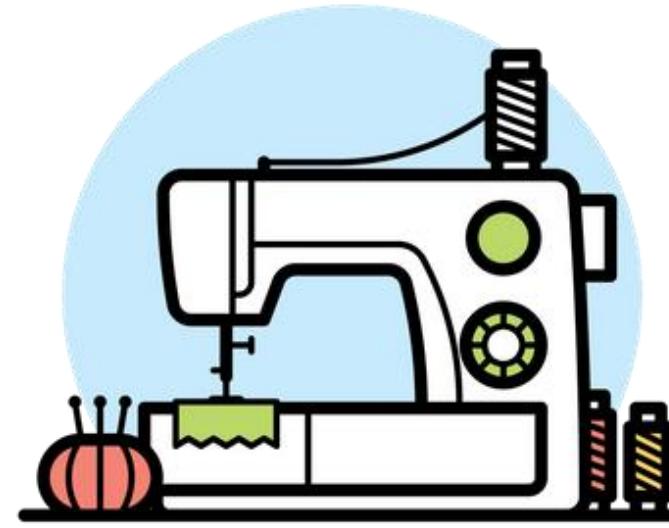
How to make a “Thing” Smart?



Identity



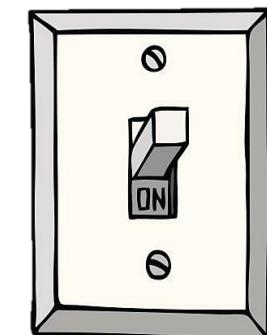
Senses



Thing



Network

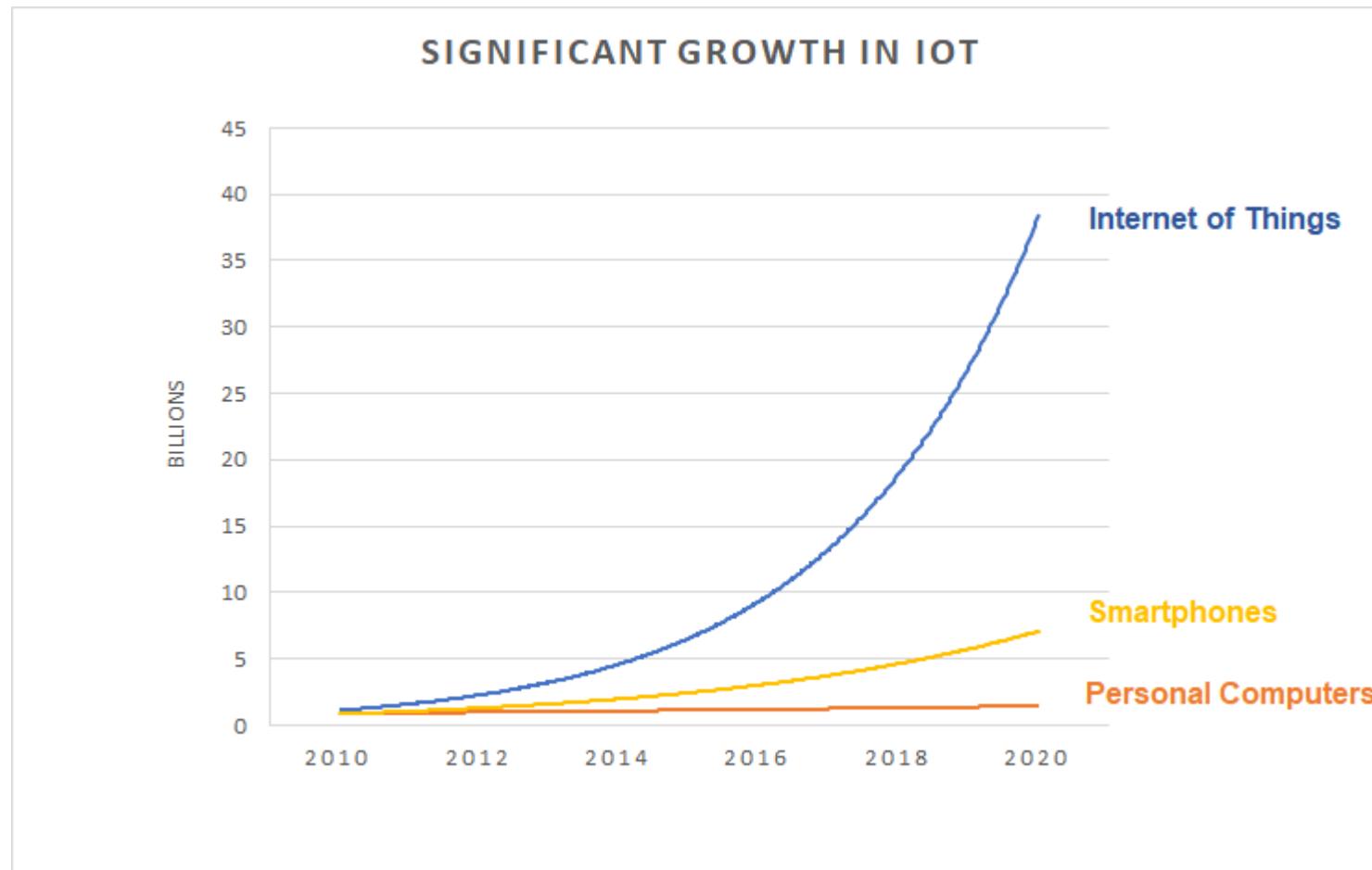


Control or Interface



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Problems in IoT Industry



Internet of Things 2015 study by Business Insiders



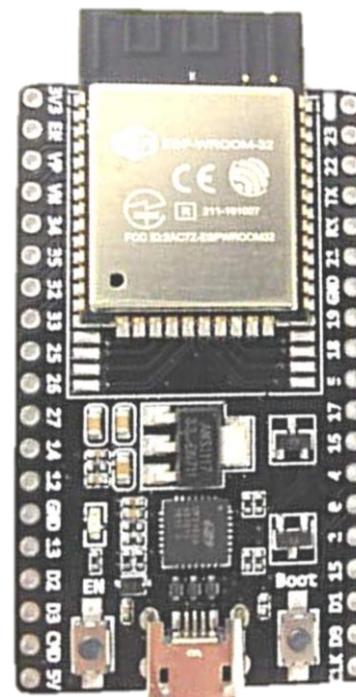
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IoT (5TI)

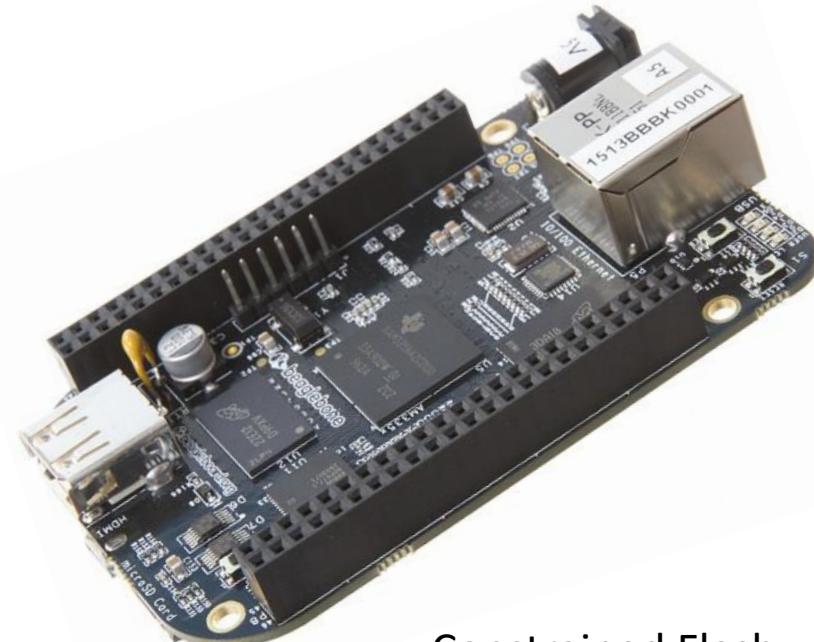
Constrained Devices (Microcontrollers)



Constrained Memory



Constrained CPU

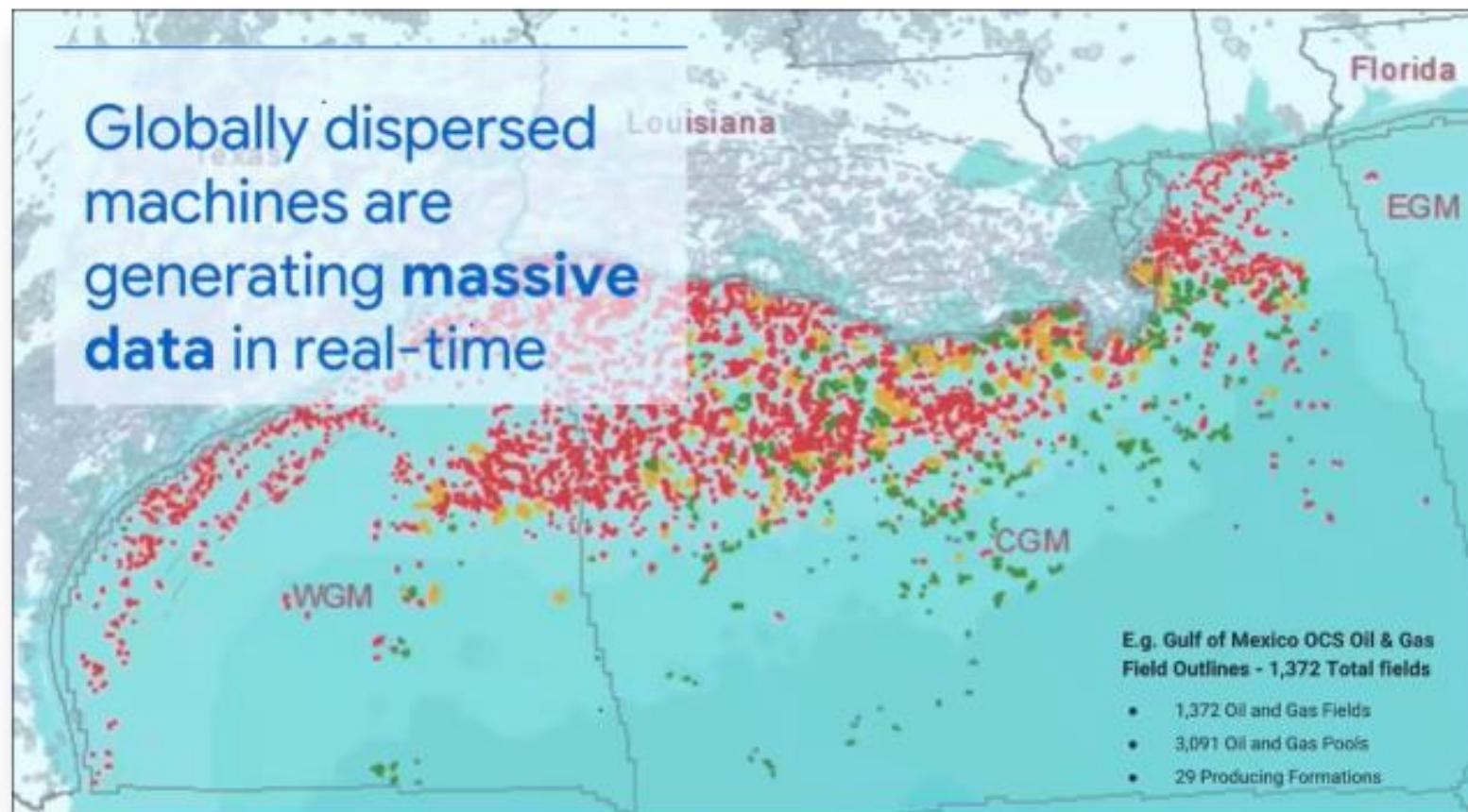


Constrained Flash



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.





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IoT (5TI)

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



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IoT (5TI)

What Institutes have got in there IoT Labs?

Microcontrollers

Hardware Kits

Microprocessors

Sensors

Actuators

Wireless Communication Modules

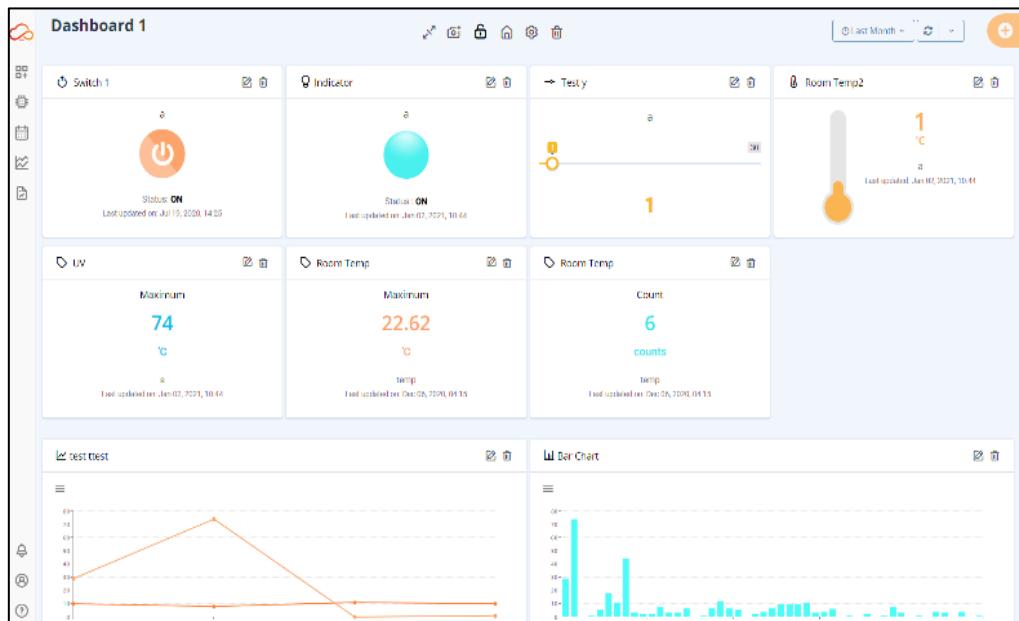


InfiIoT TECHNOLOGIES

Our Offer

InfiIoT Platform

The Most Futuristic IoT Platform



InfiSense

A Practical Approach to IoT





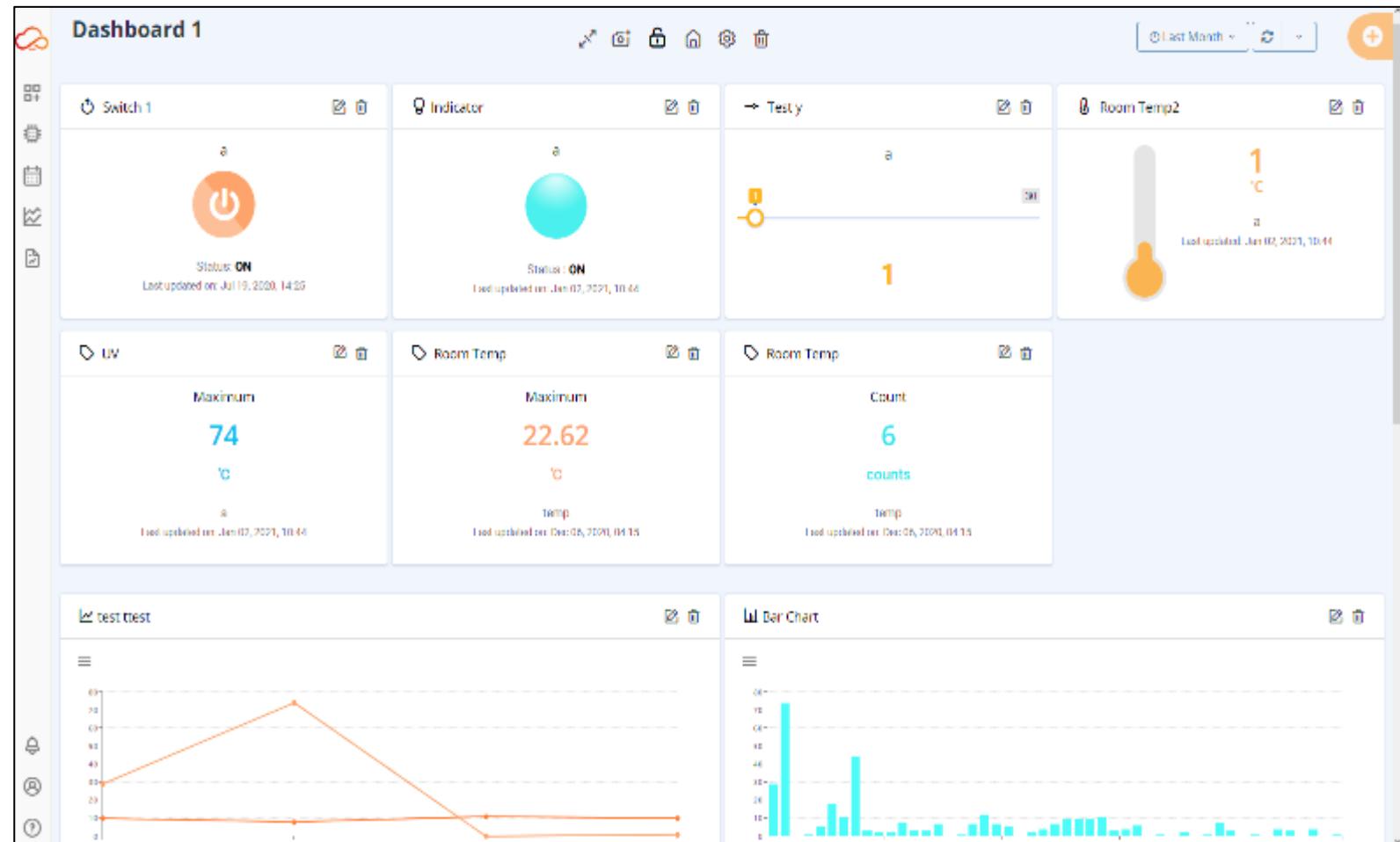
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InfiIoT Platform



INFI-IOT PLATFORM

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





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InfiSense





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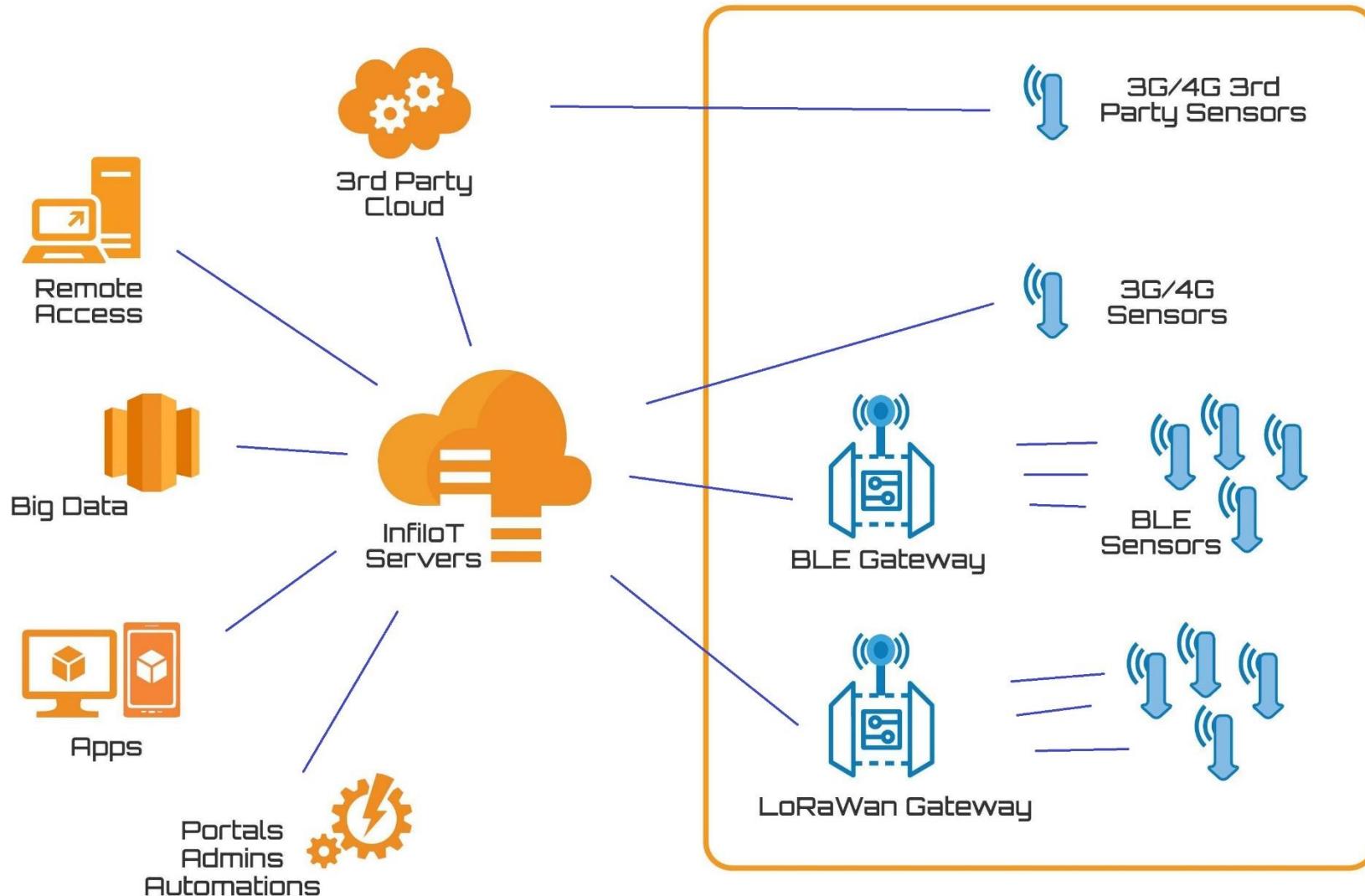
Demo

Let's go for some Hands Onn...



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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



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Offerings

Current Offering

- InfiloT 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



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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.