

**INFIOT TECHNOLOGIES  
PVT. LTD.**



## 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)

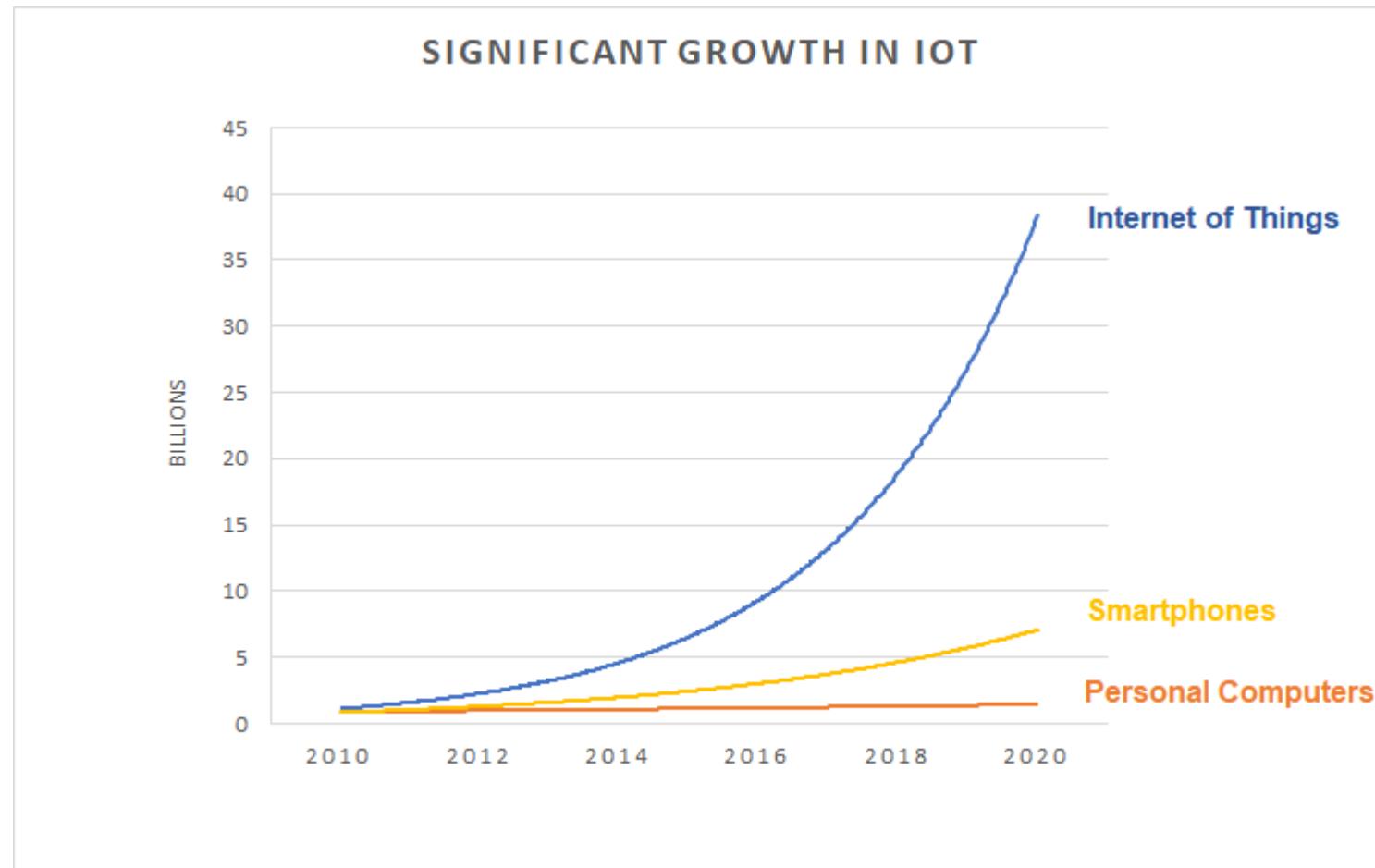
Simply, IoT is...

5TI – Things That Talk To The Internet



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# IoT (5TI)



Internet of Things 2015 study by Business Insiders



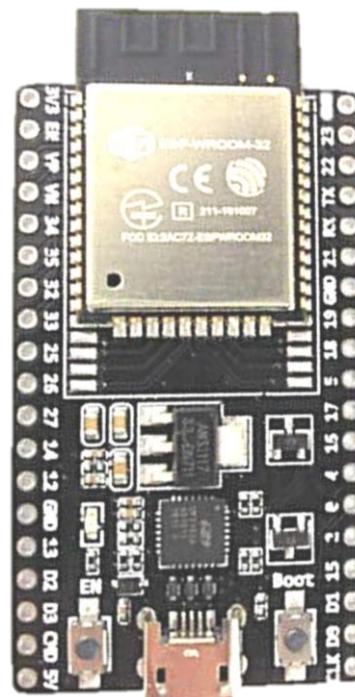
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# IoT (5TI)

## Constrained Devices (Microcontrollers)



Constrained Memory



Constrained CPU

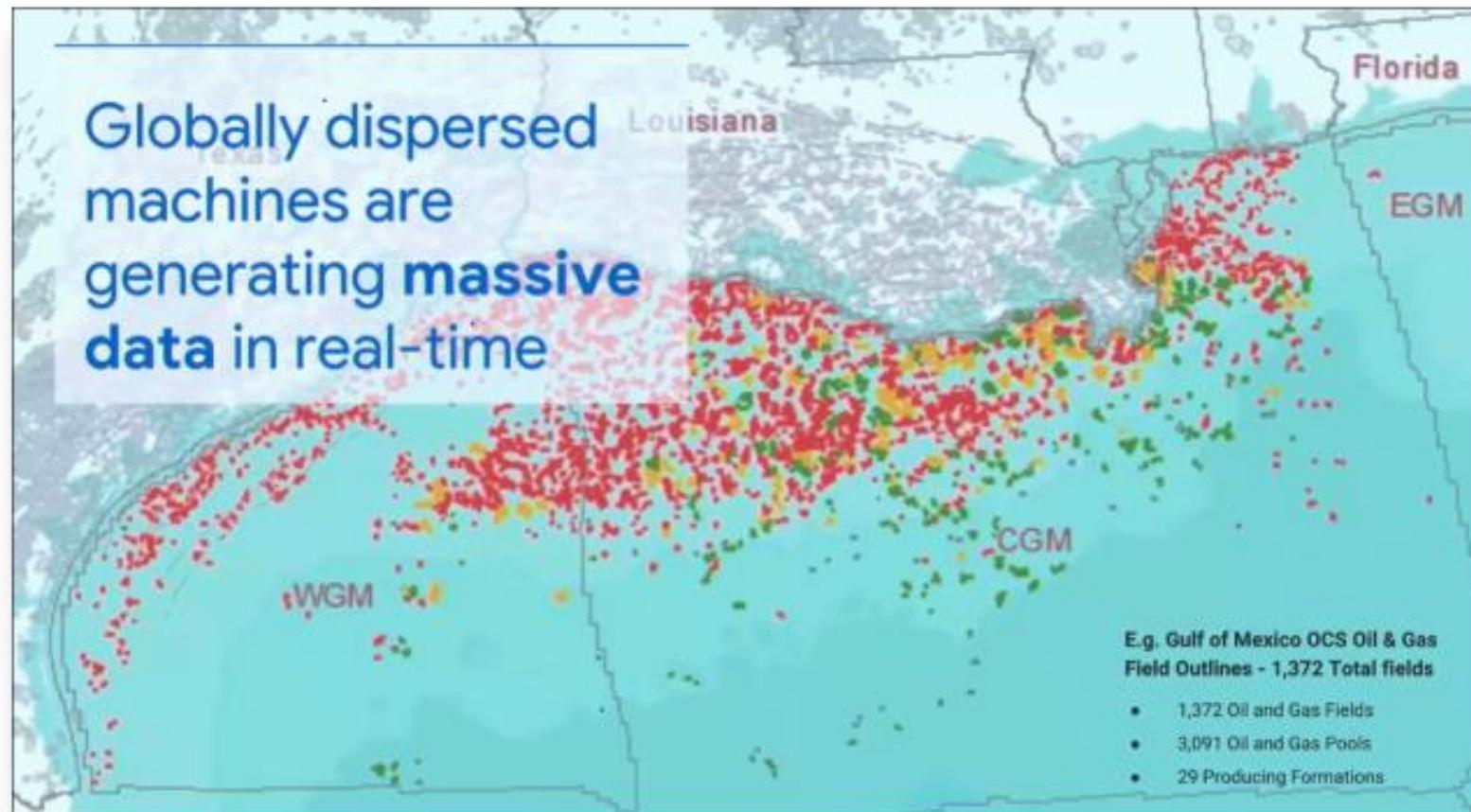


Constrained Flash



## 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

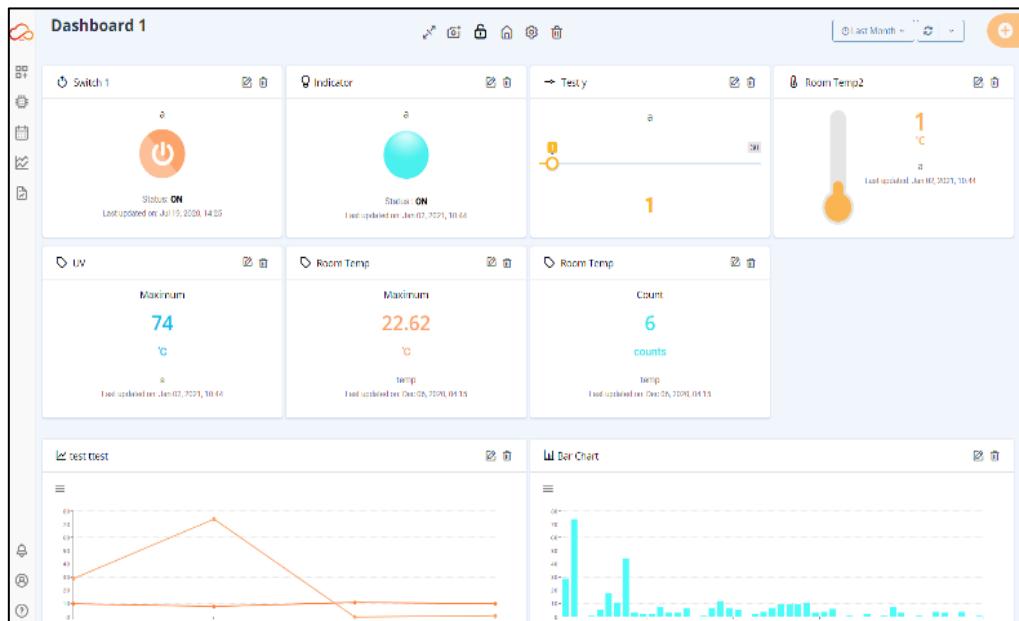


InfiIoT TECHNOLOGIES

# Our Offer

## InfiIoT Platform

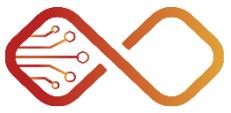
The Most Futuristic IoT Platform



## InfiSense

A Practical Approach to IoT





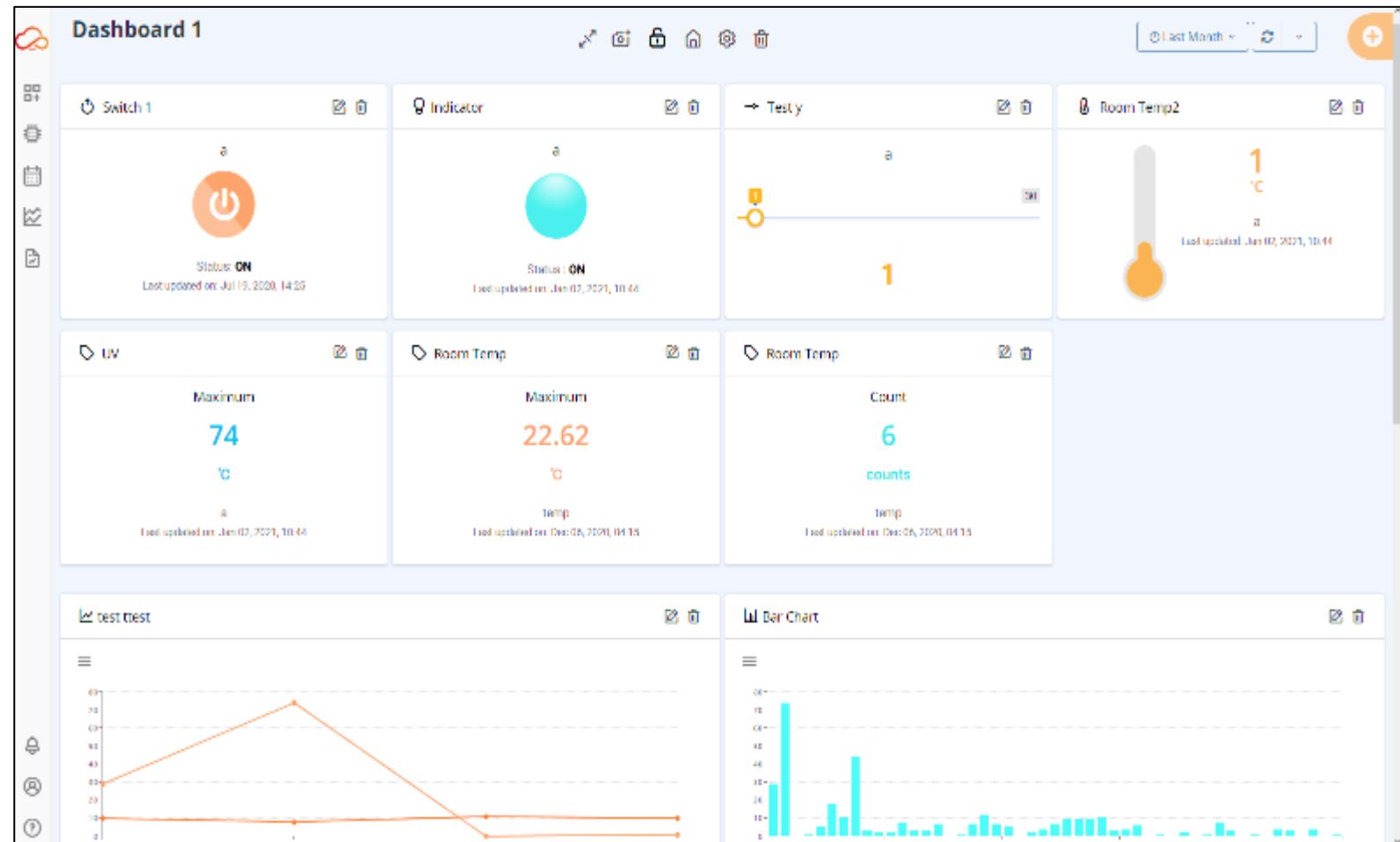
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# InfiIoT Platform



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...



# 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.