



# SNS COLLEGE OF ENGINEERING

(Autonomous)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



**19EC621 – IoT and Wireless Sensor Networks**

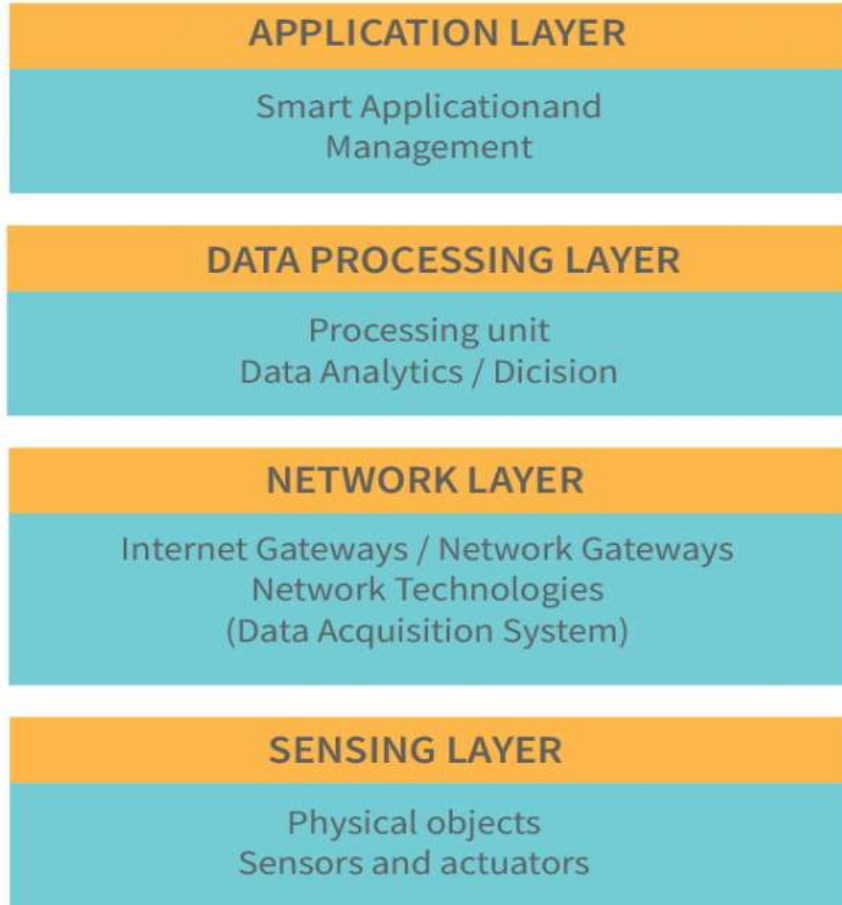
**Unit -1 Overview of Internet of Things**

## IoT Architectural View and Technology Behind IoT





## 4- STAGE LOT ARCHITECTURE

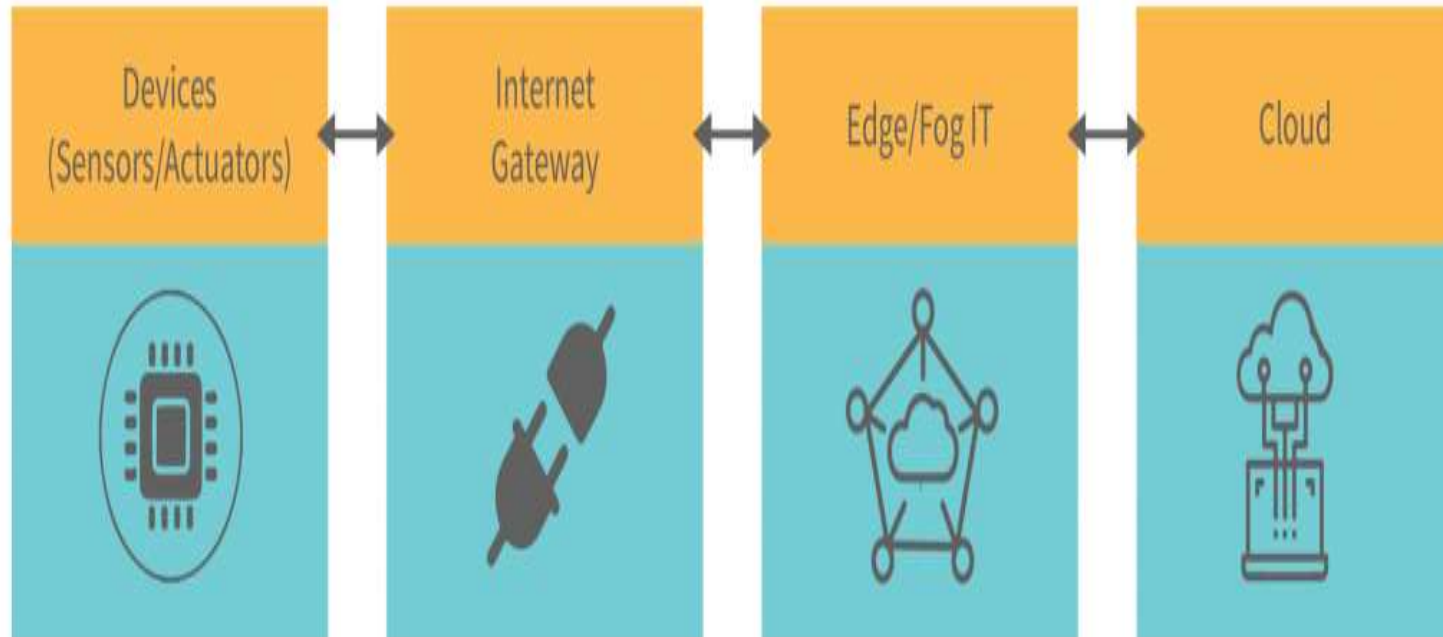


Smart Application  
Process Information  
Data Transmission  
Data Gathering

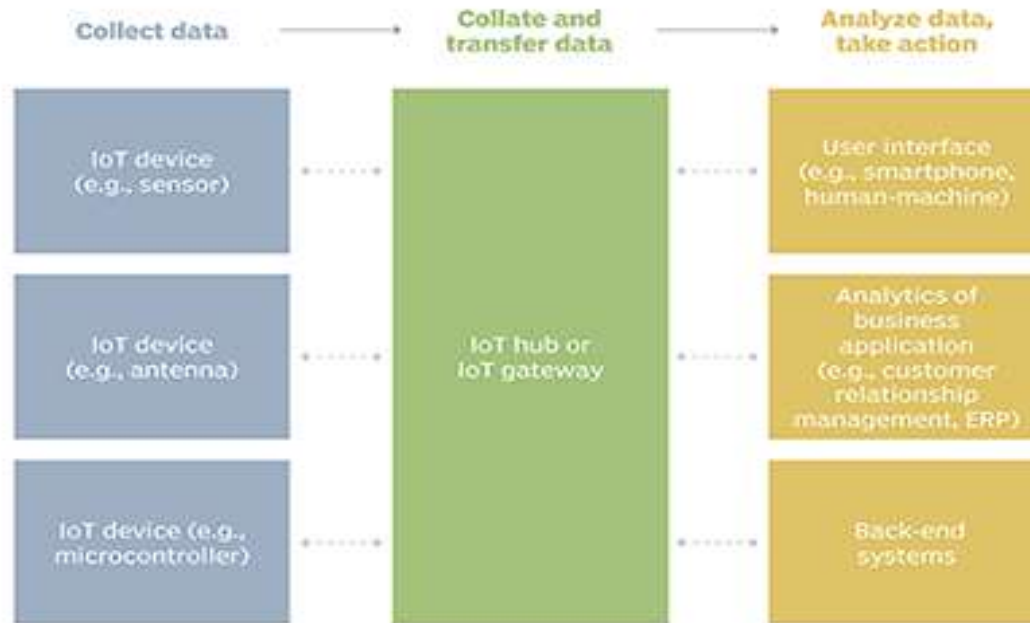




# Stages of IoT Solutions Architecture



## Example of an IoT system



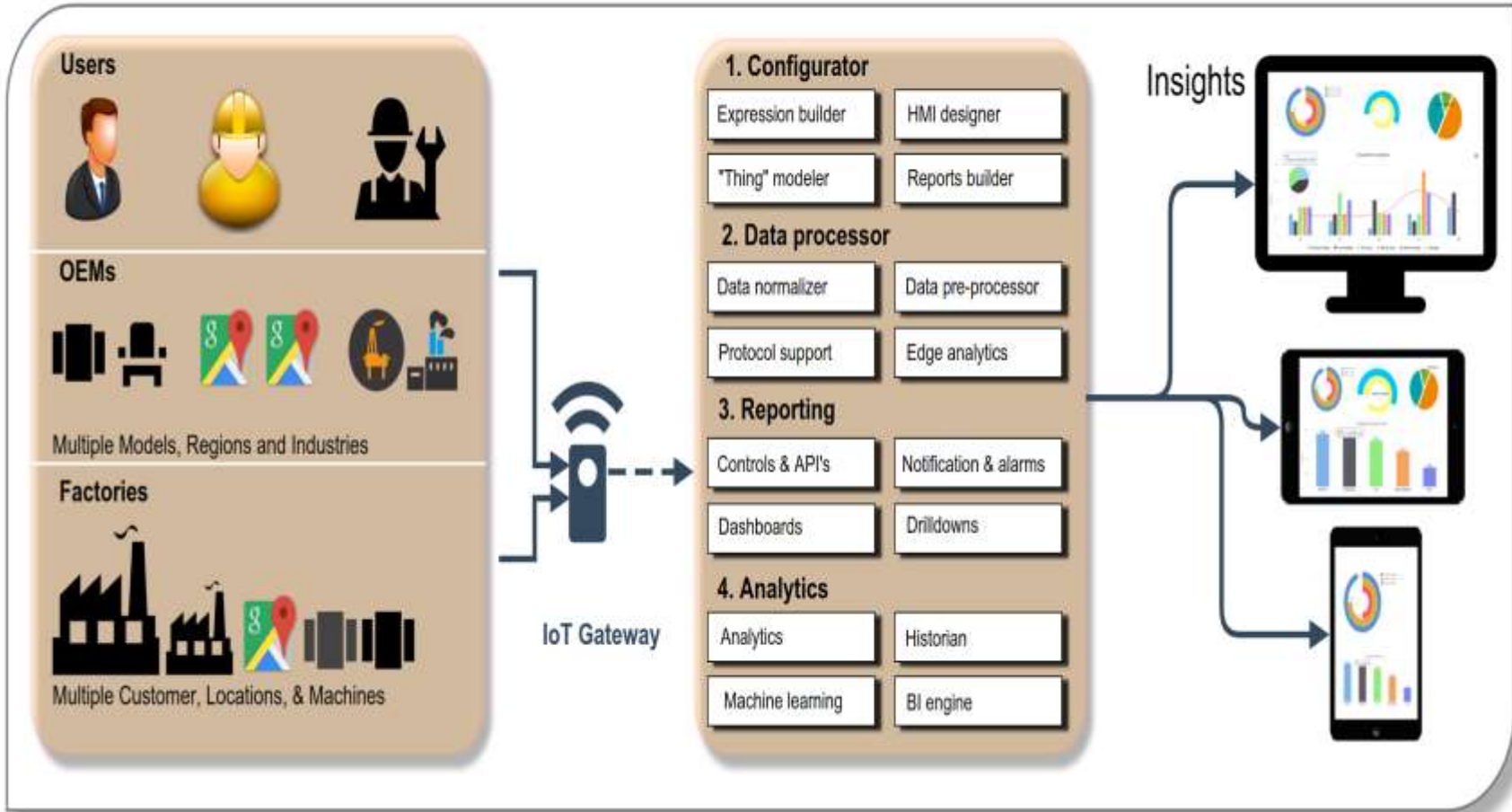


## IoT Technology & Protocols

- Several Communication Protocols and Technology used in the internet of Things. Some of the major IoT technology and protocol (IoT Communication Protocols) are Bluetooth, Wifi, Radio Protocols, LTE-A, and WiFi-Direct.
- These IoT communication protocols cater to and meet the specific functional requirement of an IoT system.
- There are 6 IoT Communication Protocols/ Technology, let us look each one of them.



# Tools and Skills for IoT Solutions





Thank  
you

