



Internet of Things

WHEN YOU SAY

Detailed Product Engineering

YOU'VE SAID IT ALL

Corporate Overview



Detailed engineering of complex embedded products

Smooth Designing Process. Innovative solutions on various platforms.
Experienced team on various vertical and technologies.



Complete responsibility of product design

Conceptualization to actual product launch in the market
Execution through our partners in industrial Design, and Contract Manufacturing
Supply of fully tested prototypes
Supply actual Products (with partner)

Services we offer

Product Engineering
Hardware Design Service
Software Development
Design Consultancy
Industrial Design
Prototype manufacturing

Verticals we serve

Industrial Automation

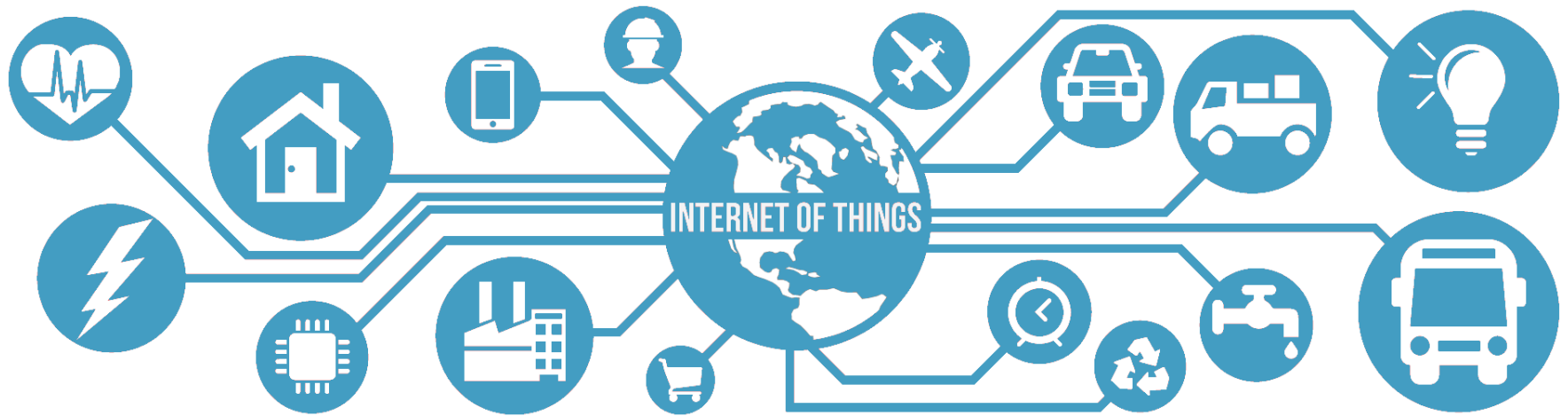
Security and Surveillance

Consumer Products

Wearable Devices

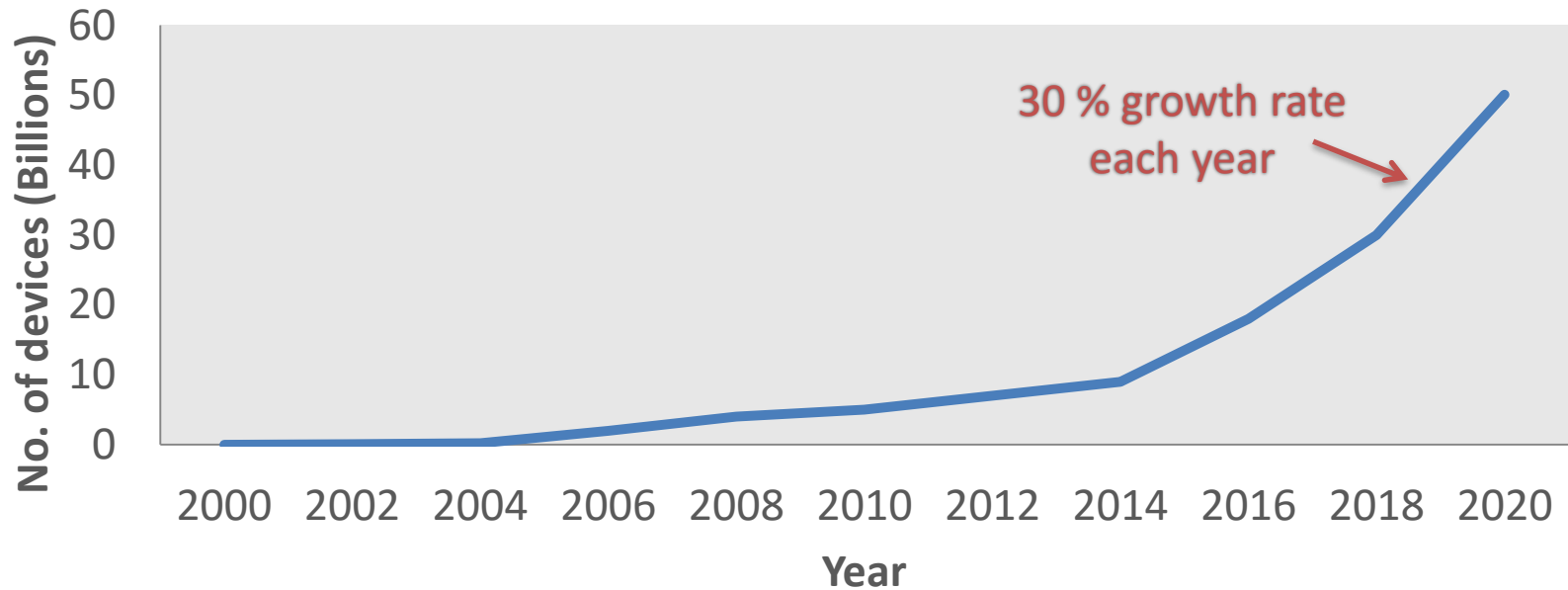
Health Care

IoT - Internet of Things, The buzz word!



Internet of things refers to the concept that the Internet is no longer just a global network for people to communicate with one another using computers or mobile phones, but it is also platform for devices to communicate electronically with the world around them.

IoT challenges

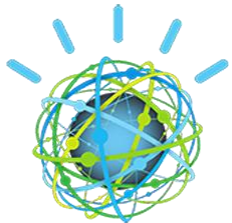


- Turn-around time
- Internet bandwidth and connectivity
- Handling the data size
- Analyzing data – Artificial Intelligence

Some IoT Technology platform solutions

PubNub[®]

Publish/Subscribe messaging with under 250ms latency worldwide.
Bi-Directional Signaling.
Cross-Platform Messaging.
Secure Device Provisioning.



IBM Watson

Analyzes unstructured data.
Understands complex questions.
Presents answers and solutions.



Flexible Pub/Sub Messaging.
Queryable API.
WebSockets With Fallbacks.
Powerful debug tools and ready to use libraries.



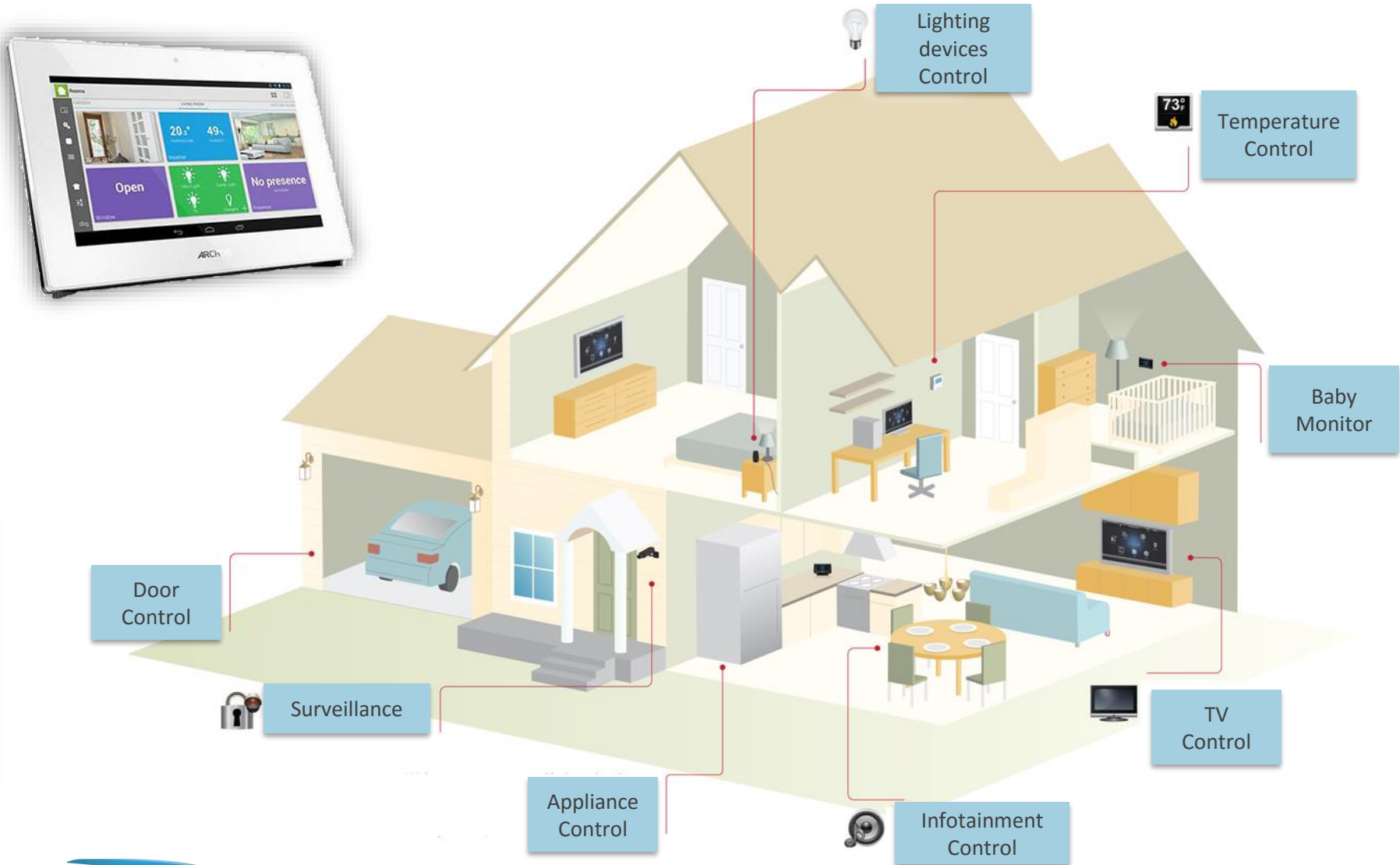
IoT ready cloud platform.
Build app using existing apps, data and processes.
Data and analysis.



Smart Home Automation

- Smart home automation gives ultimate control over our the lighting system, blinds, electrical appliances, audio and security systems at home.
- Smart home automation technology connects all the devices and appliances so they can communicate with each other and with Human.
- Anything in our home that uses electricity can be put on the home network and can receive command by remote control, mobile phone, computer or voice, the home reacts.
- Smart homes work with fairly simple systems: receivers and transmitters
 - Transmitter issues the command for control or getting data
 - Receivers detects the signal and responds with action or data
- For communication, WiFi, Zigbee, Z-Wave, Thread and various other short-range signal technologies are used.

Case Scenario – Smart Home Console



Advanced Features



Child Tracker

Stay close to your children with precise GPS tracking and frequent location updates whether they are playing at ground or at school or on the way to school



Pet Monitor

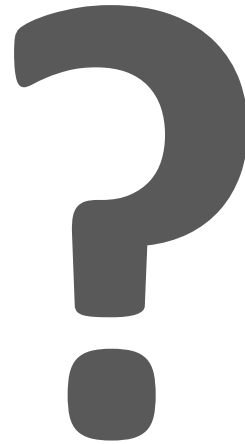
Get notified about pet's activity on phone via messaging apps, Email or SMS when you are away from home.



Smart Scheduling

Lets you schedule weekly cleaning routine, payments, recording favorite show, security systems, maintenance etc.

Questions



Thank You

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