IoT – REVISITED
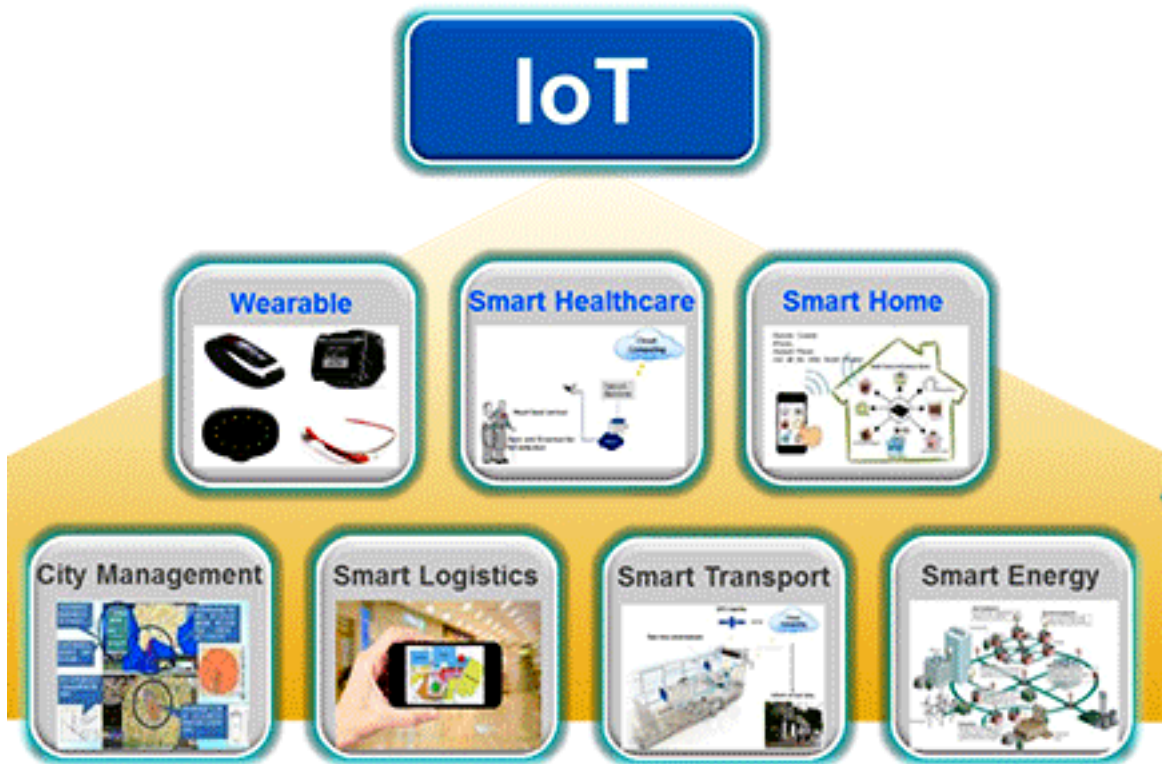

Back in March 2015 we wrote about **"IoT", The Internet of Things**…the world in which we live that has surrounded us with the internet…where devices, vehicles and much more are embedded with electronics, sensors, connectivity and software that collect and exchange data with each other. A year has passed since that article and everyone can see that Cloud technology has facilitated this progress, such that it is estimated that by year 2020 we will have at least 50 BILLION intelligent machines as more companies invest in smart technology. In this regard, the **INTEL Corporation** (perhaps just a name or label to many but much more important than Microsoft or Apple or Android) is at the forefront. INTEL's research and development have globally led thousands of hardware and software developers to create new ways of improving businesses and personal lives. For example,

EDUCATION ----Smart classrooms, interactive learning
ENVIRONMENT --- Solar, hydro, oleo sourcing, forest fire/earthquake/snow-landslide-
                              flood detection, pollution management
SMART CITIES – Traffic flow, sanitation, parking, energy, noise, water flow, chemical leak,
                              hazardous material, roadway and other management systems
SMART HOMES –Alarm systems, child protection, energy consumption

RETAIL BUSINESS – Digital surveillance, interactive shopping, supply chain control, storage systems, smart selling/marketing/payment, secure transactions, enhanced customer experience

PERSONAL USE –Wearable devices, easy connectivity methods regardless of geographic location, advanced driving assist, health monitor & alert systems

HEALTH - Detection and care systems for and by patients and medical professionals

TRANSPORTATION – logistics, all forms of public travel systems

AGRICULTURE/INDUSTRY – Resource management, animal/plant care, farming practices

When the phenomenon called the "*Internet*" first started, we often heard that if you could **THINK** it, you could **FIND** it on the internet. Well, today and in our very near futures, if you can think it, you can probably **KNOW and EXPERIENCE** it because of IoT. There are many people who refuse to adapt to newer technologies, be it phones, computers, banking systems, travel tickets, or TVs, but there is no longer a choice. Life as we used to know it – simple push button phones, single remote-control TVs, etc. – are quickly phasing out. INTEL's inquisitive minds and productive research as well as hundreds of other innovative companies are catapulting all of us into a new future. If you want to find out more about your future, visit INTEL's website and keep track of their progress…its effects will affect you sooner than you think.