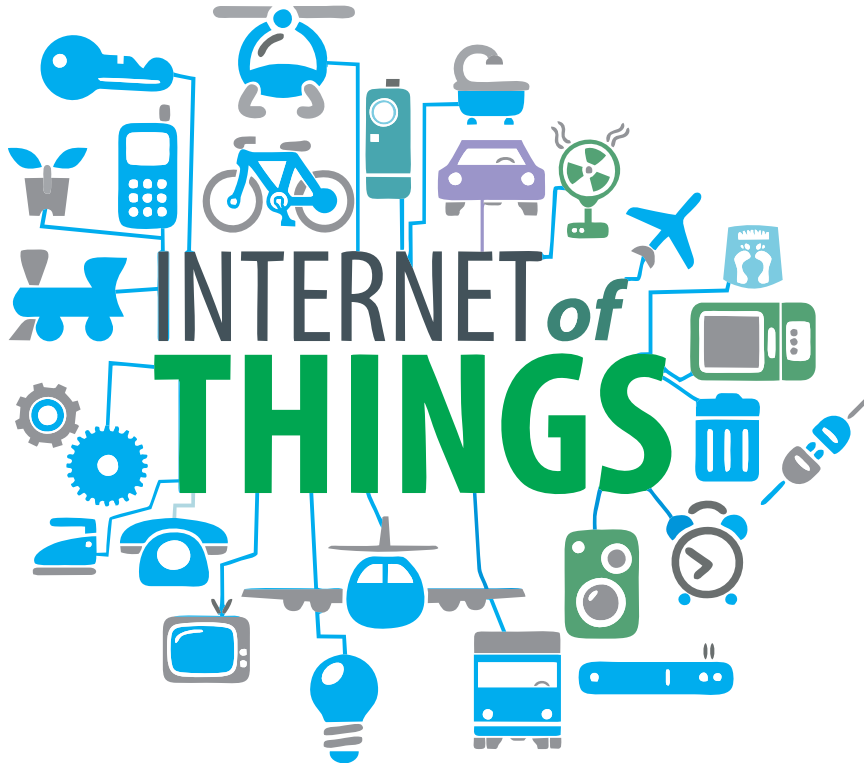




## Internet of Things

The emergence of IoT (Internet of Things) has been largely due to wireless communication, prolific usage of the Internet, real-time computing, and dedicated systems within a larger mechanical or electrical system and other such factors. IoT assumes leap of the Internet from the confines of computer and mobile devices to have an impact on insofar inanimate hardware that required manual intervention in managing them. The success of IoT (thus far and forthcoming) has taken root in the fact that it connects with those hardware (physical things) that people use in their daily lives. How convenient it is to maintain room temperature through your mobile device by making it interact with your Thermostat, very much indeed! How useful it is for your cell phone to know where your watch is, and read messages on your wristwatch that came to your cell phone, certainly it makes things easier.



As a company that understands importance of keeping pace with newer challenges and solutions, CDN has sprung into action and has been successful in creating more than a few such solutions while most of the world is talking about the buzzword. We are thrilled to share our IoT work with you, and would be happy to receive your comments and enquiries to help you make full use of this novel concept.



## Watch + GPS + Bluetooth + iPhone

Handheld digital watch with GPS & Bluetooth connectivity, integrated with iPhone mobile application, providing bi-directional communication and control, to offer real time call alerts, calendar notifications etc.



## Hardware Lock + GPS + Bluetooth + iPhone

Real-time controls of a smart bike lock hardware, with alarm security, GPS, and keyless unlocking via an iPhone application.



## Gaming Controller + Motors + Pressure Sensor + iPhone

Real-time controls of a smart bike lock hardware, with alarm security, GPS, and keyless unlocking via an iPhone application.



## Fluid Dispense + Pumps + Mixers + Wireless + Windows 7 Desktop App

Industrial Fluid Dispensing control via desktop based application controlling giant mechanical pumps, mixers, and wireless printers all integrated to automate the production and delivery of an industrial fluid product.



## Car Parts + Light Sensors + Spectrum Meter + iOS + Android App

Quality Inspection mobile application for one of the 'leading' global car manufacturers, integration with light sensors, spectrum meters and iOS + Android mobile applications to benchmark the quality and testing of different car parts/components. It helps establish seamless communication with separate Users Groups responsible for ensuring quality for same car parts using Cloud computing.

Software is also able to handle complex mathematical formulae and calculations to reach required results, and is coded to work as a consolidative platform for multitude of hardware with varied characteristics.

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