

IoT

Business Objectives

- **The Internet of Things (IoT) can enable the next wave of life-enhancing services across several fundamental sectors of the economy**
- **Meeting the needs of customers may require global distribution models and consistent global services**
- **IoT presents an opportunity for new commercial models to support mass global deployments**
- **The majority of revenue will arise from the provision of value-added services and mobile operators are building new capabilities to enable these new service areas**
- **Device and application behaviour will place new and varying demands on mobile networks**

Application Overview

- **Automated operation of Light/fan/AC based on ambient conditions, time of the day**
- **Switching ON-OFF light by motion detection**
- **Temperature and humidity logger**
- **Driving AC based on temperature and humidity**
- **Power loss detection/ DG set run-hour reporting for billing**
- **Door/window open/close sensor and remote open/close status**
- **Schedule timer for electrical appliances**
- **Remotely updatable digital notice board**
- **Automated water purifier ON/OFF, Valve ON-OFF based on water present in the tank**

Application Overview (continued)

- **RFID access/visitor management system**
- **Automatic ordering of stationery (print papers etc..) or Pantry (water etc..) items**
- **Remote curtain/blind operation**
- **Location tracking of vehicle, distance travelled report for bill settlement**

Advantages

The advantages are as follows:

- **The Internet of Things (IoT) promises to deliver a step change in individuals' quality of life and enterprises' productivity**
- **IoT has the potential to enable extensions and enhancements to fundamental services in transportation, logistics, security, utilities, education, healthcare and other areas, while providing a new ecosystem for application development**
- **IoT enables industry stakeholders to collaborate more effectively in order to propel the market forward for the benefit of consumers and society**