

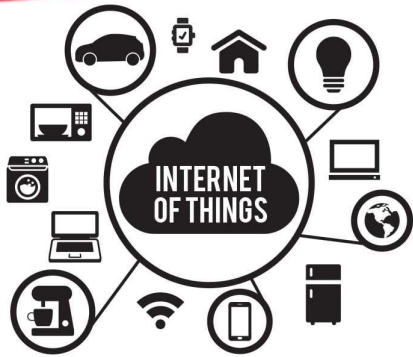


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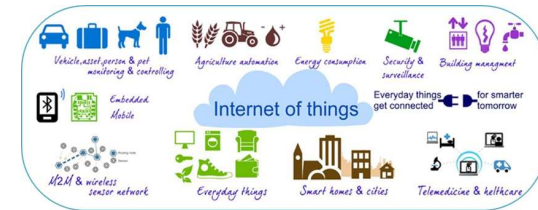


Department of Information Technology



19ITT30 - INTERNET OF THINGS

III B.Tech. IT/ V SEMESTER

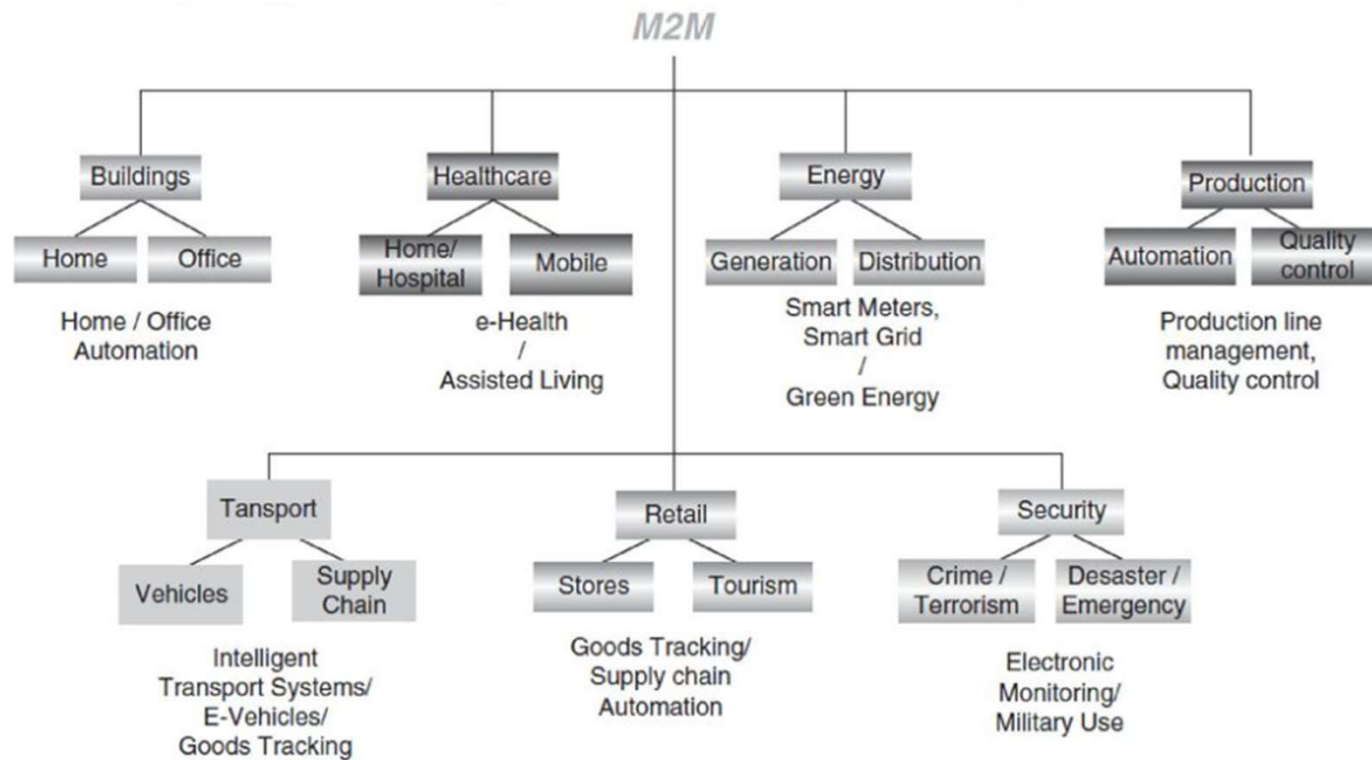


UNIT I : IoT INTRODUCTION AND APPLICATIONS

Topic 7: Home Automation

Overview and Motivations - IPv6 Role - IoT Definitions - Observations - ITU-T Views – Working Definition - IoT Frameworks - Basic Nodal Capabilities – Physical Design of IoT - Logical Design of IoT – Applications:- City Automation Automotive Applications - Home Automation - IoT Levels & Deployment Templates - IoT and M2M .

Grouping of applications in the M2M Context ^{2/9}

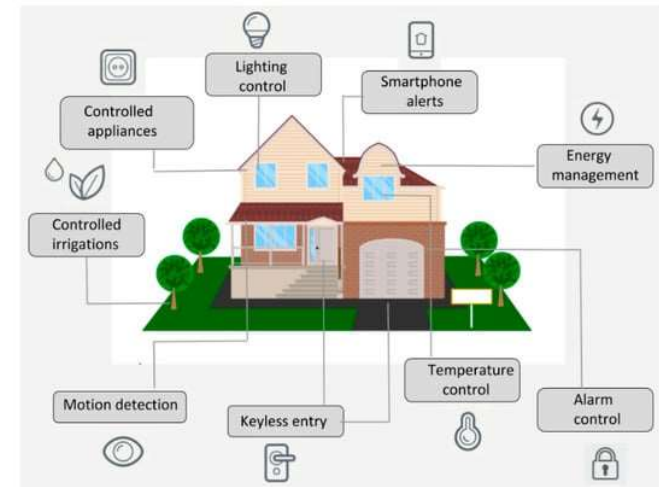


Home Automation

M2M communications is expected to play a major role in residences, where instrumentation of elements supporting daily living (e.g., appliances), comfort, health, security, and energy efficiency can improve the quality of life and the quality of experience.

Home control applications include but are not limited to:

- Lighting control
- Thermostat/HVAC
- White goods/ Appliance control
- In-home displays









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Thank You!