

Internet Of Things Technology: Low Energy Communication

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Abstract—Internet of things describes physical objects that are embedded with sensors, processing ability, software, and other technologies, and that connect and exchange data with other devices and systems over the Internet or other communications networks. In this paper we would be looking at IoT devices using Low energy to aid in their communication with each other. In recent years Internet of Things has developed rapidly and has a wide range of applications. A study is carried out on the differences between devices using Low energy and those that do not use Low Energy, and an example of how Low Energy used in our every day processes.

Index Terms—Internet of Things, Low Energy, Bluetooth Low Energy

I. INTRODUCTION

A. *What is Internet of Things(IoT) Technology?*

B. *What is Low Energy?*

II. COMMUNICATION INTERFACES FOR IOT SYSTEMS

1) *Bluetooth:*

2) *Radio Frequency Identification (RFID):*

3) *Satellite:*

4) *WiFi:*

A. *Comparison of Interfaces*

1) *Low energy interfaces:*

2) *Non-Low energy interfaces:*

III. INTERNET OF THINGS APPLICATION IN LOW ENERGY

IV. CONCLUSION

REFERENCES