



A Review on Scope of Internet of Things

¹Mamta Rani, ²Anjani Garg

¹Research Scholar, Department of CSE, Gurukul vidyapeeth institute of Engineering and Technology, India , mamtasingla22@gmail.com

² Assistant Professor, Department of CSE, Gurukul vidyapeeth institute of Engineering and Technology, India garg.anjanigarg@gmail.com

Abstract: Only IoT allows objects to be sensed & remotely controlled over present network infrastructure, which creates opportunities of direct combination of physical world in systems which are computer-based & results in improved efficiency, accuracy & economic benefit. Internet of Thing offers large developed connectivity of devices, system & services, which is over machine-to-machine communications & it covers a big variety of protocols, domains & application. The Objective of our paper is to set up an Infrared Array Sensor system that is IOT

based in order to provide security at remote location. In this paper camera captures external event & sent signal to Infrared grid array sensor. If there is suspicious movement then it would transfer signal to IOT interface that is running on cloud server & connected to a remote database. Event database is updated & actuator is connected to database.

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I. INTRODUCTION

IOT is a keen network of physical devices, buildings, vehicles, & all other items which are embedded with electronics, software, sensors, & network connectivity that enable these objects to collect & exchange data.

In IoT objects could be sensed & controlled at a large distance across present network infrastructure, which creates opportunities for direct combination of physical world into computer-based systems, & resulting in improved efficiency, accuracy & economic benefit; when IoT is augmented with sensors & actuators, technology becomes an example of general class of imitated-physical systems, that includes technologies like smart homes, smart grids, smart transportation & advanced cities. Each thing

could be separately identified through its implanted computing system but it could interoperate within present Internet infrastructure. Experts have estimated that IoT will include near about 50 billion objects up to 2020.

Scope of IOT

IOT has many advantages into our lives that could help individuals, society & business on daily basis. Its new concept could be presented in many forms which includes safety, health, financial matters, & planning of each day. IOT Integration in health care system could be very beneficial for both individual & society.

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