

AN OVERVIEW OF PRIVACY AND SECURITY OF IOT BASED SMART HOME

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ABSTRACT

The smart home is an environment in which disparate electronic gadgets and appliances are networked together to offer smart services to people in a ubiquitous way. Smart home applications are being accepted and used by a broad range of organizations and individuals. This may be due to the numerous benefits offered by the growing internet of Things (IoT) technologies and gadgets, which are connected with sensors, cameras, or actuators and capable of gathering information from the environment or performing certain activities. Real-time monitoring, remote control, intruder protection, gas/fire alarm, and other amenities are common in smart houses. Because sensitive and personal data is handled in smart homes, security and privacy solutions should be implemented to safeguard users'/businesses' data from unauthorized access while still ensuring the provision of dependable services. The study's results and suggestions add to a wider understanding of consumers' changing attitudes about privacy in smart homes as IoT home devices grow more prevalent.

KEYWORDS: *Internet of Things (IoT), Monitoring, Privacy, Security, Smart Home.*

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