

Internet of Things

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Abstract: *The Internet of Things (IoT) represents a transformative trend in technology, enabling interconnected devices to communicate and exchange data seamlessly. This paper explores the fundamental concepts, current applications, challenges, and future prospects of IoT. It examines the impact of IoT on various industries, including healthcare, manufacturing, and smart cities, and discusses the security and privacy concerns associated with this technology. The study concludes with insights into future advancements and the potential societal implications of widespread IoT adoption.*

Keywords: Internet of Things, Sensors, Gateway