

# Smart Technology: Ecosystem, Impacts, Challenges

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**Abstract:** *Smart technologies have become increasingly integral to modern society, bringing many benefits and opportunities. However, they also raise important questions about their impacts on individuals, organizations, and society and how everyone can move forward smoothly in integrating and adopting technology. Therefore, this study analyzed and reviewed the literature to address the questions. The study provides an overview of the potential benefits and challenges of smart technologies and applications, including artificial intelligence, machine learning, natural language processing, robotics, and the Internet of Things. The review also explores the key entities involved in a smart technology ecosystem, including governments, businesses, and international communities, and each entity's unique role in developing and implementing smart technologies.*

**Keywords:** IoT; artificial intelligence; machine learning; impacts