

The Internet of Things : Seizing the Benefits and Addressing the Challenges

The Internet of Things represents the next step in convergence between ICTs and the economy on an unprecedented scale, with estimates indicating that 25 billion devices will be connected by 2020. Network connectivity, widespread sensor placement and sophisticated data analytics enable applications to aggregate and act on large amounts of data generated by devices in homes, work places and the natural world. This aggregated data can drive innovation, research and marketing, holding the promise to substantially contribute to further economic growth and social prosperity. However, the degree of adoption and ability to reap its benefits will largely depend on the capacity of governments to create adequate policy and regulatory frameworks in key areas including telecommunications, security, privacy and consumer policy. This report provides information on the opportunities and challenges around the Internet of Things and identifies areas for engagement and ease of deployment by all stakeholders.

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