Meta Description: Internet of Things and smart cities have the abilities to take the world to a dream-like future. Let's explore.
Meta Title: Internet of Things and Smart Cities – The Silver Lining Among the Dark Clouds
Primary Keyword: IoT, smart cities
Secondary Keyword: book

Internet of Things and Smart Cities – The Silver Lining Among the Dark Clouds

As the world battles the fourth wave of the novel coronavirus, nations recover from the recurring onslaught to save their future. Yet, even with the distress surrounding us, one element stands tall above all – technology. Technological procedures, especially the concept of the Internet of Things, have embarked on a journey of their own. This journey has only one objective, i.e., to improve the lives of the people it touches. Whether it be in the form of smart cities or the form of enterprises, the objective remains the same. Let's elaborate on its significance.



Image Source

Alt Image: A man operating his tablet

Image Description: A professional using his tablet to operate multiple devices

A Dream of Efficiency

"You have to believe in your dreams, to reach out for your dreams." — Lailah Gifty Akita

Back in 2009, when the concept of IoT and smart cities came into existence, it had its fair share of problems. The limitation of sensor technologies and dealing with moving networks was quite new for engineers. After ten years of struggle, we realize the introduction and IoT and smart cities was not a technical decision but a political one.

A Breathable Environment

Smart cities provide opportunities to bring back green to the world. Infrastructure designs and urban landscaping can go a long way toward making cities more vibrant. Picture cities with

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parks, solar-powered buildings, and more pedestrians/cyclists than cars. Want to know the best part? It's not a farfetched dream anymore since smart cities are actively moving towards greener urban infrastructure.

Economically Friendly

One thing is for certain, and if smart city initiatives do not return any tangible value, then the investment is essentially going down the drain. Alternatively, if executed properly, these initiatives can reap many economic benefits. For starters, automation, in the form of IoT technologies and AI, automates city resources like water and electricity to save money significantly. Secondly, smart city sensors ensure that the resources used save not only money but also increase efficiency. Furthermore, smart buildings generate their heating and electricity, resulting in overall sustainability daily.

Wrapping it Up

In short, the advent and rise of smart cities are expected to develop an overall economic development of 5% every year (i.e., $20 trillion every decade). Thus, it shows that the introduction of smart cities can bring about ecological benefits and economic as well.

Elon Musk once said, "If you want to think about the future, you want it to be better than the past." Musk's version of a perfect world makes him a true visionary, especially in these dark times. In his book, [Book's name] and the impact of COVID-19, Jane Doe has discussed the importance of smart cities in the present era. The book also discusses how the implementation of technological trends can lead to a sustainable lifestyle.