

SMART CITY- PROS AND CONS: AN EXPERIENTIAL FEELING

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Abstract

Nowadays, with the increasing problem of population expansion and resource shortage, a series of urban diseases have caused many problems to citizens. Smart city is a new urban management mode put forward and carried out by people to solve the current environmental problems and the waste of resources. This project is not only related to government, but also related to enterprises and individuals. However, not all cities can meet the requirements of the construction of smart city because it requires a comparatively complete infrastructure. However, smart cities monitor and manage cities in real time through the Internet, because of this, protecting the network security of digital management system has also become an urgent problem.

Keywords: *Smart City, Pros and Cons, Experiential Feeling*

“Smart city”, it’s made up of two words — “smart “ and “city “, in my opinion, the “city” is the body and the “smart” is the soul, but the core of both of them is “people”.

Experts say that “Smart city” of the 21st Century, it can make full use of information and communication technology to sensor, analysis and integration all kinds of key information of requirements (including the people’s livelihood, environmental protection, public security, urban services, commercial and industrial activities) to create a better city life for human beings.

Compared with the rural areas, there’re more people living in cities. These people living in cities have less contact with the land and pay more attention to the development or emerging industries. Although there are more resources for production, education and recreation in the city but it’s merely a “city” not a “satisfactory city”.

With the continuous development of human society, more and more people migrate and in future course will still migrate to live in cities. These migrations from rural area to the cities have caused the problem of “urban disease” which is getting worse. In the new environment, how to solve these problems caused by urban development and realize sustainable development has become an important proposition of urban planning and construction. In this context, “smart city” has become a feasible way and a trend of future urban development.

From the point of view of personal life, the establishment of smart city can make the city easier to be perceived and the urban resources easier to be fully integrated. On this basis, the refined and intelligent management of the city can be realized, so as to reduce environmental pollution, solve traffic congestion and eliminate security risks. Though these, the goal of “better city, better life” can be achieved.

On the national level, establishing smart city is a strategic choice to improve the country’s comprehensive competitiveness. At present, countries all over the world attach great importance to the development of strategic emerging industries. The construction of smart city is a great boost and it has also played a significant role in promoting the development of transportation, communication, finance, energy, education and other fields. It’s good for expanding domestic demand, adjusting the structure and changing the way of economic development.

Finally, for the whole human society, the meaning of smart city is the high integration of the human society and material world. It's the self-development and perfection of human civilization. Sustainable development has become a hottest topic in the world. Nowadays, with the increasingly severe environmental problems, we should use and manage various resources more rationally and strengthen the degree of environmental protection law enforcement. Human society is also a part of nature and it cannot exist without nature, so we need to protect the environment for the long-term development of mankind.

Now, the biggest confusing thing is that how to build a smart city. Different countries have different national conditions. There is no doubt that the smart city construction of some developed countries have begun to take shape, of course they can provide some experience for later comers, but if we don't have such highly developed infrastructure and strong technical and financial support, then blindly follow them will only lead us to a wrong way.

Based on the view of some experts, we can adopt the model of government-led, universal and enterprise participation to build the smart city.

The thought is the guide of human behavior. If people are not ready to accept the consciousness of innovation and development, they may not cooperate with the work of the government departments and enterprises. So, before establishing the smart city we should first develop the "smart citizens". The relevant government departments should intensify the publicity and education of the public through various media channels, so as to exert a subtle influence on people's ideological cognition, which will help improve people's awareness and acceptance of smart city.

There's an old Chinese saying that "a good workman must first sharpen his tools". The basic construction of smart city mainly includes the Internet of things, cloud computing, intelligent transportation, smart power grid and other fields. We can see from this that these so-called basic conditions are actually based on more basic urban infrastructure construction. So this is not an easy task especially for developing countries with inadequate infrastructure. Buildings with unstable foundations are easily toppling over, similarly, for the construction of the smart city, we should take it step by step, now focus on the central idea of smart city to improve infrastructure construction.

Then, government departments should to strengthen the top-level design of smart cities and regulate the chaotic situation that may be caused by the construction of smart cities. The government can issue relevant policies to comprehensively and systematically plan the construction of smart cities, and appropriately allow local governments to make some small adjustments according to their own actual conditions under the premise of consistent general direction. It is worth mentioning that the scope of benefit of smart city construction should not be only limited to cities; it should also be able to serve the rural areas. Building the domestic smart city network through the unified planning of the government can make the distribution and range of smart cities more scientific and reasonable.

The "smart" of the 21st century is the wisdom of high technique. This is also the top priority of smart city construction. For the government, they need to build an overall framework for smart cities based on the new generation information technology. For markets and businesses, smart city construction and the development of new

generation information technology should promote each other. Today, the international trade war is becoming increasingly fierce. In order to maintain the stable development of the national economy, we should change our thinking and support the building of smart cities by strengthening independent innovation, then let the new demands of its development in turn promote the technological innovation and expand domestic demand. Meanwhile, in the traditional urban management system, it is almost impossible to accurately and efficiently collect and analyze the real-time development of the city. But with the help of the new generation of information technology, this problem will be solved easily.

But we should not forget that every coin has two sides. The Internet era brings us convenience, but also provides more opportunities for those with ulterior motives to steal our information. The government should establish an efficient information network security system to counter information theft by other countries, ensure the national information security and the safe operation of smart cities.

All in all, smart city is a concept in constant development; it's the product of urban informatization development to a certain level. With the continuous improvement of technology, economy and social development and with the strong driving force of the new generation information technologies, we will develop the smart applications and establish a new and sustainable urban development model, so as to draw a blueprint of the future "smart city".

Reference

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