

# The influence of all kinds of computer technology on urban construction

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With the continuous reform and upgrading of urban industrial chain, the construction and development of smart cities is the inevitable result of every city planning in the new era. In the current era, big data, cloud computing, blockchain, artificial intelligence and other cutting-edge technologies continue to upgrade and develop, making the modern urban management system is also undergoing earth-shaking changes. Through the investigation of the related papers, we can realize that from digitization to intelligence and then to intelligence, under the new generation of information technology, a new era of digital government and smart city has arrived. As we are in the tuyere of The Times, we should also have a deeper understanding of various computer technologies, so as to better build smart cities and optimize residents' lives. And for different application scenarios, there are different technical support. Production shutdowns due to missed defects or quality inconsistencies cost companies millions of dollars a year in cost overruns and lost revenue. To avoid these costly problems, industrial companies must work tirelessly to ensure quality control, and computer vision can deliver the speed and precision needed to continually identify defects (AWS, 2021). In addition, blockchain technology can also shine in the construction of smart cities, Block chain technology for decentralized, distributed systems, automatic operation of the programmable script system characteristics such as contract, makes the block chain will be in the industrial, commercial, medical services, urban public services and so on all aspects of life are widely used, raise the urban efficiency of wisdom, strengthen urban data of independent security (Lu Sheng, 2020). Likewise, Computer vision can provide constructive results for the construction of smart cities in medical technology, traffic control and other fields (Wei Wei & Wu Jinsong & Zhu Chunsheng 2021). Equally, some scholars designed a set of street lamp management system through computer network technology, so as to optimize the modern industrial structure and improve the data transmission rate of 0.3s and the success rate of 80% (Sun Qingli 2021). After the above analysis, should we think about some questions? For instance, What areas of smart cities can computer technology touch? What changes can we actually make as a result of these technologies?

## Reference

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