

On the Practical Path of Digital Government Construction

Yifei Song

Inner Mongol University of Technology, Hohhot, 010051, China

Abstract: Chinese style modernization is a modernization path suitable for China's national conditions and characteristics, and realizing Chinese style modernization is the fundamental goal of digital government construction. The construction of digital government needs to improve the top-level design, ensure the close connection with the national development strategy, and form a consensual and efficient whole. The construction of digital government should improve the ability of innovation and application, actively explore and apply new technologies, and promote the intelligence, convenience and efficiency of government work. The construction of digital government should build a solid network security protection barrier, ensure the safe and stable operation of the digital government service system, and ensure the information security of the country and citizens.

Key words: Chinese-style modernization; Digital government; Digitization;

1. Introduction

At present, the construction of digital government has become an inevitable requirement to adapt to the new round of scientific and technological revolution and industrial revolution, and lead and drive the development of digital economy and the construction of digital society. In the special opinion issued by the State Council in 2022, it is required to widely apply digital technology to government management services, promote the process of government governance, innovation of government governance model, and improve the ability to perform their duties, give full play to the leading role of digital government construction in the digital economy, digital society, and digital ecology, and promote high-quality economic and social development.[1] In order to implement the construction of digital China and empower the modernization of China with digital government, we should constantly improve the top-level design of digital government, enhance data processing capacity, enhance the innovation and application capacity of technology, and strengthen the technical efficiency of digital government in the process of building digital government.[2]

2. Digital government construction should take the realization of Chinese style modernization as the fundamental goal.

As an important part of China's modernization process, digital government construction aims to promote the transformation of government functions and the modernization of governance system, improve the level and efficiency of government governance, and promote social and economic development and people's living standards. Chinese style modernization is a modernization path suitable for China's national conditions and characteristics, and realizing Chinese style modernization is the ultimate goal of digital government construction.[3] In this process, it is necessary to promote the construction of a modern economic system, strengthen the modernization of the national governance system and capabilities, and promote the modernization of social civilization and people's livelihood, to give full play to the role of digital technology in modernization comprehensively and coordinately. The goal of digital government construction is to provide solid technical support and guarantee for Chinese style modernization, so as to promote the rapid, healthy and sustainable development of China's modernization process, and ultimately realize Chinese style modernization.

There are many reasons for the goal of digital government construction to achieve Chinese style modernization. First of all, Chinese style modernization is an important goal of the development path of socialism with Chinese characteristics. As one of the important means to support socialist modernization, digital government construction naturally needs to serve this goal.^[1] Secondly, the

development of digital technology is one of the important aspects of international competition. The realization of digital government construction can not only enhance China's competitiveness in the digital field, but also promote the development of China's digital economy. In addition, the realization of digital government construction can also improve the efficiency of government services, optimize the government management model, promote the modernization of government governance, and improve people's well-being, which is consistent with the goal of achieving Chinese style modernization.

From the perspective of Marxist political economy, the significance of the construction of digital government to achieve the goal of Chinese style modernization lies in that the construction of digital government is the concrete manifestation of the interaction between economic foundation and superstructure, and the specific application of digital technology in national governance and social development. The construction of digital government is not only an important prerequisite for the steady development of digital economy, but also a necessary means for the modernization of national governance. The achievements and benefits of digital government construction have a significant impact on the economic, political, and cultural development of the country. Therefore, the construction of digital government must take the realization of Chinese style modernization as the goal to better serve the development of socialism with Chinese characteristics.

3. The construction of digital government should constantly improve the top-level design

The construction of digital government is the focus and breakthrough of the current modernization of government governance system and governance capability, and an important starting point to promote the reform of "decentralization, regulation and service". The development of things in the digital era is changing rapidly. In the face of various opportunities and challenges, how can the digital government give full play to the efficiency brought by digital technology and make full use of the digital potential? How can the government governance from the grass-roots level to the country to prevent decision-makers from blindly drawing conclusions based on data calculation? All this need to constantly improve the top-level design of digital government. The top-level design of digital government should shift from opportunity orientation to strategic deployment.

First, to build a digital government, we must take meeting people's aspirations for a better life as the starting point and result, adhere to standardization, strengthen the integration of government affairs service systems, promote the standardized, standardized, and intensive development of government affairs platforms, rebuild service processes with the help of platforms, and improve management and service levels across systems, departments and businesses. Only by adhering to the people as the center, taking the actual needs of the masses as the guide, and starting to solve the practical problems that the masses are concerned about, can we truly achieve "less people run errands, more data run errands". Second, to build a digital government, it is necessary to further strengthen the collaboration between departments, break the data barriers between departments, avoid the internal circulation of public data held by government departments, clarify the specific division of labor and responsibilities among departments, further share and cooperate data, and continue to deepen the integration of government information to promote the integration of government data and social data, Create more convenient and fast applications for the masses, so that the data collection and the masses can further improve the governance capacity of the government. Third, building a digital government needs to improve the digital literacy of most staff, which requires most party members and cadres to broaden their horizons in learning, work hard in thinking, and then see the time limit, so as to better make the achievements of digital government construction benefit all the people. Fourth, to build a digital government, we should strengthen the protection of data security. On the one hand, we should make full use of personal information protection law, data security law and other laws and regulations to ensure the security of digital government construction. On the other

hand, a system of data classification, classification and dynamic protection should be established to strengthen the protection of important data.

4. The construction of digital government should improve the ability of innovation and application.

As the saying goes, "When things are different, things will change; when things are different, they will be ready for change". "Change" means constantly pushing through the old to bring forth the new and reforming the old. In the process of building a digital government, improving innovation and application capabilities can help the government better use digital technology to serve the people and improve governance efficiency. Today, there are many examples of smart communities and smart cities to facilitate people's lives, as well as the portrayal of e-government to improve the efficiency of government work. The demonstration of various robots to help infrastructure construction is more common. The above three are actually three frequency resonance, and the innovative application of science and technology has promoted the continuous improvement of people's quality of life. In an environment full of new elements and new infrastructure, digital technology has endowed the era with all unknown possibilities. The governance mode of the government needs to reform the old and usher in the new, and social governance needs to cultivate the spirit of innovation and apply various new digital technologies to the process of government governance. In recent years, various regions have steadily promoted the construction of digital government, effectively promoted the transformation of government functions, and improved work efficiency. For example, Beijing has integrated digital thinking into the whole process of government governance, analyzed people's livelihood needs through big data, and conducted source governance on the problems that people are anxious for; Zhejiang Province has deepened the reform of "running at most once", vigorously promoting the digital transformation of the government and improving the happiness of the masses.

With the deepening of digital process, the construction of digital government has become the only way for many countries to achieve modern governance. However, the construction of digital government is not only to simply digitize traditional government institutions, but also to have the ability to innovate and combine cutting-edge technologies with government governance practices to improve governance efficiency, innovate services, ensure security, and achieve the organic integration of digital government and society. Therefore, improving the innovative application ability in the process of digital government construction has become one of the keys to digital government construction. To improve the innovative application capability in the process of building a digital government, we need to achieve "four requirements", namely, first, we need to establish an innovation leading mechanism: the government can guide technology enterprises, scientific research institutions, universities and other relevant units to actively participate in the construction of a digital government and provide innovative solutions by setting up a special innovation leading mechanism; Second, strengthen technology exchange and cooperation: the government can strengthen cooperation with relevant units at home and abroad through technology exchange, joint research and other ways to jointly study the application of digital technology in the field of government affairs and promote the innovative application of digital government construction; Third, establish demonstration areas for digital technology innovation and application: the government can select some regions as demonstration areas for digital technology innovation and application, focus on promoting the construction of digital government, encourage enterprises and scientific research institutions to carry out digital technology innovation and application in these regions, and explore new paths and methods for digital government construction; Fourth, improve the training of digital technology talents: the government can attach importance to the training of digital technology talents, establish digital government professional courses, and guide and train relevant digital technology talents. The construction of digital government is an integral part of the digital China system. Only through the innovative application of digital technology can the digital government give full play to the potential

energy of digital technology and release the huge potential and digital dividend of informatization development.

5. The construction of digital government should strengthen the network security protection barrier.

The construction of digital government should adhere to the promotion of security. The relevant facilities, product services, data storage, etc. used in the construction process must adopt independent, safe and controllable technologies to avoid the possible security risks in all links. At the same time, it should also enhance the network prevention awareness of public officials and use various means to ensure the data security within the government system. Digital government construction is an important part of modern governance, while unstable network elements also bring network security risks. Network information security is an important field in the Internet era. In order to effectively guarantee network security in the process of building a digital government, it is particularly important to have a high-quality network information security talent team to build a network security protection barrier system.

To strengthen the network security protection barrier, we should look for the direction from the supply side. First, we need to establish and improve the network security protection system in the process of building a digital government, formulate network security policies and norms for building a digital government, clarify the division of responsibilities and operational processes, and promote the attention and understanding of all personnel on network security.[2] Second, we should train and explore network information security talents. The digital government construction personnel must have solid computer basic knowledge, understand network security threats and attack means, and have the ability to predict and prevent. Be familiar with common security tools and technologies, skillfully operate and use them for network security defense and attack. During the trial run of the software platform, the network security automation test is carried out to repair the vulnerability. Third, we should develop independent and controllable brand products. The development of independent brands requires the design and development of digital products, including functions, performance and other aspects, according to the needs of digital construction and product positioning, to ensure that products have independent intellectual property rights and core technologies. At the same time, learn and draw on the advanced experience of other countries and regions, understand the underlying logic and architecture of product research and development, realize the integration of advanced technology and product infrastructure, and create targeted products most suitable for the construction of digital government. Fourth, set up access control mechanism. Only authorized users are allowed to access sensitive information, and multiple identity authentication methods are used to strengthen the security of user identity identification and verification. Multiple authentication factors are used to protect network access, such as IP restrictions, geographical restrictions, and AI identification. The permissions of specific users or groups are limited to the minimum level necessary to reduce the possibility of unauthorized access. Fifth, deploy firewalls and intrusion detection systems. It is necessary to monitor, update and maintain the security software in real time, control and monitor the network traffic, and take timely countermeasures in case of abnormal conditions. For example, real-time monitoring tools are used to detect abnormal activities and quickly identify and respond to potential network attacks. Install and use the latest anti-virus software, anti-spyware software and firewall developed independently, and regularly upgrade and update this software to ensure that they can identify the latest threats and vulnerabilities. Sixth, sensitive data should be encrypted and backed up. Use data encryption technology to protect key data and back up data regularly to prevent data loss or tampering.

With the wide application of digital technology, people's life and work are inseparable from the Internet, which also brings new challenges to network security. The proliferation of network security issues will not only pose a threat to personal information, but also cause serious losses to the country and society. Therefore, strengthening network security protection in the process of building a digital

government and building a network security barrier are important measures to safeguard national security, maintain social stability and individual rights and interests.

6. Conclusion

The expectations of the people and the expectations of the public, taking advantage of the new round of scientific and technological revolution, the construction of digital government has great prospects and will certainly have great achievements. Adhering to the people as the center and adhering to the correct political direction to promote the digital and intelligent operation of the government will certainly speed up the construction of a people satisfied government and constantly enhance the people's sense of gain, happiness and security.

References

- [1] Su Deyue Create a new situation of digital government construction [N]People's Posts and Telecommunications, 2022-07-04 (003). DOI: 10.28659/n.cnki.nrmyd.2022.001857
- [2] Guiding Opinions of the State Council on Strengthening the Construction of Digital Government [J]. Bulletin of the State Council of the People's Republic of China, 2022 (19): 12-20
- [3] Tian Shuwei. Promoting Chinese Modernization in a Coordinated Way with Material Civilization and Spiritual Civilization [J]. Theoretical Vision, 2022 (10): 54-59. DOI: 10.19632/j.cnki.11-3953/a.2022.10008
- [4] Xia Jiechang, Xiong Qiyang. Digital technology enables the growth of China's service industry: mechanism and implementation path [J]. China Economist, 2022,17 (06): 26-53. DOI: 10.19602/j.chinaeconomist.2022.11.02
- [5] Xiong Dongxu, Cheng Kai. The Promotion Path of Digital Government Construction from the Perspective of New Development Concept -- Enlightenment of Singapore's Digital Government Construction [J]. Journal of Nanjing Institute of Engineering (Social Science Edition), 2023,23 (01): 39-43. DOI: 10.13960/j.issn.2096-238X.2023.01.007