On the implementation of the new situation of the network power research on the network communication and supervision in China

Ren Song [1,a], Weiwei Wang [2,b], Yang Liu [3,c]

[1,2]*Jilin University of Finance and Economics, Information management center, Jilin, China*
[3]*Jilin University of Finance and Economics, School of Management Science and Information Engineering, Jilin, China*
[a] *9860543@qq.com*

[b]*23392147@qq.com*

[c] *7923759@qq.com*

ABSTRACT

In order to implement the strategy of network power, China must have its own network sovereignty and network space, and formulate its own network protocol; secondly, it should have its own network security laws and regulations and regulatory system, and formulate relevant rules for international network. In the field of network, China can only promote the construction of a powerful network country through independent research and development and independent innovation. At the same time, to improve the construction of network security, network communication and network supervision can guarantee the sovereignty and security of the country's cyberspace. In the implementation of the new situation of network power strategy, we need to abide by the development theory of "0-1 rule", and that is, there should be horizontal network foundation and vertical innovation and development. Network foundation refers to excellent core technology and solid infrastructure, which can establish a unique position in international network security; innovation and development refers to the use of innovative thinking to continue to explore new roads. Safeguard the sovereignty and security of network space.

Keywords: *Network augmentation, network communication, network monitoring, network security, 0-1 rule, network power strategy, information technology*

1. INTRODUCTION

The vigorous development of digital economy and the rapid development of science and technology information have brought opportunities and challenges to the social development of China [1]. From the perspective of social development history, human society has experienced agricultural revolution and industrial revolution, and now we are facing information revolution.

The agricultural revolution in the past was an era of human beings from collecting, capturing and developing to planting livestock and entering the era of cutting, burning and breeding. In the past industrial revolution, human beings have developed from manual labor to machine labor, and entered the era of large-scale and semi-automatic production. Today, information revolution is a qualitative leap of productivity development, which is the development of human beings from spiritual thinking to intelligent thinking, and entering the era of artificial intelligence and intelligent life.

The changes of social production, exchange, distribution and consumption have led to the change of social production relations and the rapid development of social productivity. Therefore, information is the leading force of global innovation and development, and information is the core competition for the transformation of the world. Only by following the trend of information revolution and seizing the opportunity of information revolution can we realize the Chinese dream of great rejuvenation of the Chinese nation.

General Secretary Xi Jinping pointed out: "nowadays, the change rapidly in Internet and information technology has been fully integrated into the social production and life in the world. It has profoundly changed the global economic structure, interest pattern and security pattern. Some major countries in the world regard the Internet as the focus of economic development and technological innovation, and regard the Internet as a new competitive advantage. The strategic direction of ".[2] Therefore, our country should promote network security to the national security, and the information construction to the national development level, so as to determine the basic route of the strategy of developing a powerful network power in China, and grasp the opportunities and challenges brought by the information revolution by using scientific knowledge.

It can be said that without network security, there will be no national security; without information, there will be no modernization. Only when network security and information construction develop simultaneously, can we seize the opportunity of information revolution and the key

to building a powerful country on the Internet [3].

Based on the new situation of China's implementation of the network power, referring to the development theory of "0-1 rule", we should do a good job in the research of the basic problems of network communication and supervision, and at the same time, we should also explore the innovation and development of network communication and supervision.

2. PRIMARY COVERAGE

2.1. Basic ideas

In order to realize China's strategy of network power, in terms of network communication and supervision, first of all, I use the method of literature research to collect and sort out the Chinese and English materials related to this article at home and abroad, and conduct investigation and comparative analysis on the sorted data, which provides a theoretical basis for this paper. Secondly, I use the case study method to interview and consult experts related to this paper to predict the feasibility and social benefits, so as to provide a practical basis for this paper. Thirdly, this paper constructs the model, designs the implementation plan of developing the network power strategy in detail, and makes the feasibility analysis. Finally, the paper analyzes and summarizes the research results, discusses the success and failure strategies of the research results, and puts forward targeted suggestions to promote the benign development of the project.

2.2. Basic framework

General secretary Xi Jinping emphasized in the important exposition of building a network power, to meet the requirements of the development of the information age, seize the lifeblood of the development of network science and technology, we should grasp the laws governing the development of human society, it is an important part of socialism with Chinese characteristics in the new era.

Based on the new situation of China's network power strategy, first, we should do a good job in the implementation of network communication and supervision, and establish a sound system of laws and regulations. Secondly, we should do a good job in the ideological work of the people, with the people as the center and improving the people's livelihood as the new development concept. Finally, we should do a good job in the independent research and development of network technology, seize the network sovereignty and cyberspace, formulate our own network protocol, and lay a good foundation for the construction of a network power. In a word, let the masses of people in the boundaries of laws and regulations, in the cyberspace, let a hundred flowers bloom, freely swim, meet people's pursuit of a better life, let more people feel the sense of satisfaction and

happiness.

2.2.1. Adhere to the party's overall leadership and establish perfect laws and regulations on Cyberspace

Nowadays, with the rapid development of the Internet, network rumors, network infringement , network fraud and other network criminal activities have become increasingly rampant, leading to a great negative sense of some netizens, and personal interests have also been violated, which is not conducive to the development of society and the country. Therefore, our country must crack down on these crimes, at the same time, we should improve the laws and regulations of cyberspace, strengthen the construction of network culture and network morality, and protect the legitimate rights and interests of citizens as much as possible.

In cyberspace, network information has a strong power of communication, guidance and influence. With the extensive promotion of high-tech technologies such as big data and cloud computing, it is difficult to control the direction and content of information dissemination. Therefore, it is urgent to establish and improve the laws and regulations of cyberspace.

In the construction of laws and regulations in the construction of cyberspace, we should tolerate and respect the differences of network culture. However, there is a bottom line and a scale for inclusion. We cannot violate the bottom line of the law, nor can we create rumors and gossip.

In terms of network communication, relevant laws and regulations are regarded as "a relatively economic response to conventional social problems under certain relatively stable constraints" [4]. In the formulation and improvement of laws and regulations on network communication, we should formulate in detail the protection of copyright, the way of transmission, the identification standard of infringement, and the compensation system, so as to ensure the rights of original authors, encourage innovation and development, and give the network a healthy, clean and clean space.

In terms of network supervision, in terms of supervision, management and inspection of the Internet, we need to formulate relevant laws and regulations. The level of legislation should follow the development of the network. This process is a long-term process, and it is also a process of continuous development and updating. The main purpose of network supervision is to maintain the network security, protect the public construction of the network, regulate the owners of the network use, and restrict and punish the illegal behaviors that destroy the network civilization, network system and network security. Therefore, the legislation of network supervision is highly professional and technical. In legal theory, it should be derived from the sovereignty of the state, protect the national security, protect the interests of society, and at the same time protect the legitimate rights and interests of

citizens [5].

In short, in the construction of network communication and supervision, we always adhere to the party's overall leadership, with positive energy as the general requirement, being able to control as the absolute principle, and managing well as the true ability as the goal. We should seize the opportunity of the information revolution and further improve the laws and regulations on network security, network communication and network supervision. Let the society have laws to abide by and carry out. Further improve the authoritative network legal service platform, do a good job in the network communication and supervision of infrastructure, so that all the people in the ideal and belief, values, moral beliefs, closely unite, carry forward the rule of law civilization.

2.2.2. Adhere to the new development concept of taking the people as the center and improving the people's livelihood as the new development concept

Network has become an important part of people's life, learning and office cannot be separated from the network. Create a clean and positive Internet space, let the people enjoy all kinds of convenience brought by the Internet, meet the people's demand for a better life, improve the infrastructure of public service facilities, and finally realize the improvement of the happiness index of the people.

In the new era, people put forward higher requirements for material, cultural and life, and the needs for a better life are also increasingly extensive, and the requirements for environment, security, democracy, politics, fairness and justice are also increasing. The rapid development of the network has changed people's views on man and nature, man and society, man and man, which has an important impact on the construction of socialist core value system. In terms of improving people's livelihood, it is urgent to improve the public service system, guarantee basic life and meet the people's needs for a better life.

In order to create a healthy, clean and clean cyberspace, we must take the people as the center, take the Internet mass line, make the Internet a new platform for communication with the masses, and realize the new development concept of understanding and close to the masses [6]. At the same time, it also makes the Internet a new way to solve problems for the masses and a new channel to carry forward democracy and accept people's supervision. Let the people enjoy the convenience brought by the network, nourish the people's hearts with the socialist core values, and improve the happiness index of the people.

2.2.3. Adhere to the independent research and development and innovative development of network core technology, lay a good foundation for building a powerful network country

We should do a good job in independent research and development and innovative development in network technology, seize network sovereignty and cyberspace, formulate our own network protocol, and lay a good foundation for building a strong network country.

In the context of the information revolution, the development trend of the Internet has the following characteristics: first, network information is necessary for life, production and social development; second, network information is changing the new pattern of global economy, interests and security; third, network technology has become the focus of economic development and technological innovation of all countries; fourth, network security has become a strategy for countries to gain new advantages.

The core technology of network should be grasped from two aspects, one is basic technology, namely general technology; the other is cutting-edge technology, namely subversive technology. The core technology is something that the market can't exchange and can't buy with money. We must rely on our own research and development. In order to realize the independent research and development of network core technology, we need to constantly make new breakthroughs in the field of network technology, master the initiative and dominant power, realize the transformation from "follower" to "leader", and have international competitiveness in the cutting-edge technology fields of network development such as high-performance computing, mobile communication, quantum communication, as well as core chips and core basic software A breakthrough has been made in the key core technology field of competitiveness, which provides a sharp weapon for the enhancement of China's international competitiveness.

Therefore, it is very important to improve the construction of network security, network communication and network supervision. Independent research and development and innovative development of network core technology is essential. In order to implement the strategy of network power, we should plan for the situation, act according to the situation and act in accordance with the situation.

3. RESEARCH VALUE

3.1. Academic value

In a broad sense, the Internet is a large platform for information exchange, focusing on connectivity, interaction and virtualization. Hundreds of millions of Internet users all over the world can obtain and disseminate information on the Internet, which carries the expectations and dreams of human beings for a better life.

Therefore, the Internet is also the spiritual home of hundreds of millions of Internet users. In this virtual network, people's way of thinking about life, their outlook on life, values have an impact, the same, people's views on the country and society have also changed.

In order to do a good job in the construction of network communication and supervision, first of all, we should establish perfect laws and regulations in the network, carry forward the rule of law civilization, rule of law, and maintain a harmonious and stable social environment. At the same time, we should also use the guiding ideology of taking the people as the center, nourish the society with the development of human civilization, nourish the people's hearts with the socialist core values, take the positive information from the people, and accept it from the people, so as to form a healthy and clean cyberspace with a virtuous circle, and actively cultivate optimistic people with positive energy and courage to take responsibility People have more sense of gain, happiness and security.

3.2. Application value

Establishing a perfect network communication and supervision system is the basic guarantee of network security. Therefore, to do a good job in network security, network communication and network supervision is the responsibility of network power.

Applying the development theory of "0-1 rule" to the path research of network communication and supervision, it is not difficult to see that a perfect network communication and supervision system plays an important role in social stability and world peace, and also plays an important role in national security and national development.

4. CONCLUSION

To raise the network security to the height of national security, to raise the information construction to the height of national development, and to promote the establishment of China's network security system, will eventually realize the strategy of network power.

Based on the construction of network communication and supervision, if we can create a healthy and clean, wind-free network environment, we will certainly improve the happiness index of the people. If the construction of laws and regulations based on network can be perfected to be meticulous, it will definitely restrict and punish illegal acts. Seize the opportunity of information revolution to realize the improvement of people's happiness. We should nourish the society with the development of human civilization, nourish the people with socialist core values, actively cultivate healthy and upward network culture [7], and be optimistic people with positive energy and dare to bear.

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