# Research on Electronic Information and Its Safeguard Measures

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**Abstract:** Judging from the current situation, science and technology are closely related to our lives, and advances in science and technology have led to an excellent trend in the development of electronic information engineering and to the promotion of the people's living standards, which has also contributed greatly to the improvement of the national economy. As a result, it can be seen that the development of electronic information engineering is very important. This paper analyzes the status quo of the development of electronic information engineering in detail and proposes safeguard measures for its existing problems so as to promote the construction of electronic information projects to achieve better results.

## 1. Introduction

The development of electronic information engineering brings great convenience to people's lives, and at the same time it also drives the value-added of the national economy. From the perspective of development, electronic information engineering belongs to high-tech industries and becomes the leading industry for Chinese economic development, and with the continuous development of science and technology Progress has raised higher requirements for electronic information engineering. This article briefly describes the current status of electronic information engineering development, and then proposes safeguard measures to optimize the development of the project. Through this study, it will lay a good foundation for subsequent research.

Electronic information engineering is a discipline with strong professionalism. The discipline integrates electronic technology, information technology, network technology, and microelectronics technology, and plays an important role in social production, life, military, and other fields. The main content of electronic information engineering research is the design, development and application of various types of electronic equipment and information systems. The main purpose of the study is to obtain and optimize information and to obtain the information resources needed in the fields of social production and life. At present, with the development of Chinese economy, the overall strength of the country's economy has been continuously improved, and the research and development of electronic information engineering related technologies have been intensified, making Chinese electric power information engineering develop by leaps and bounds. The electronic products used in our society's production and life, such as mobile phones, computers, and automatic control production equipment, are closely linked with electronic information engineering technology. It can be said that electronic information engineering can see its shadow in all areas of society. It plays an important role in serving social production and life. At present, with the further development of information technology, the quality of electronic information products has been greatly improved, providing important technical support for the sustainable development of the electronic information manufacturing industry. With the continuous acceleration of the global economic integration process, electronic information engineering will play an increasingly important role in the international market. Any country that has mastered the core technology of electronic information engineering will be able to stand in the fierce international market. Stay tuned. Therefore, in view of the fact that Chinese current electronic information engineering technology is mature and core technologies are not mastered, the state should increase its own research and development of electronic information engineering technologies, especially core technologies, in terms of policies, funding, and human resources. We have given our full support and through continuous innovation and development, we have promoted Chinese entry into the

 

world’s leading electronic information engineering technology country as soon as possible.

## 2. Analysis of Current Status of Electronic Information Engineering Development

Chinese electronic information industry started from the construction and development of the 1920s. By the 1990s, the electronic information industry had formed a relatively complete industrial production system, combining scientific research with teaching, production, and application, and realized the whole machine. In the 21st century, the electronic information industry has become a pillar industry of the national economy. The average annual growth rate of the electronic information industry is more than 25 percent. The output value of the electronic information industry in GDP, with the exception of individual years, is increasing year by year. The electronic information industry has become a strategic industry for the national economy. With the continuous development of the electronic information industry, the structure of the industry has also been continuously optimized. This article will focus on the relevant analysis of the network protection system in the electronic information engineering industry. The specific contents include the access and use conditions of electronic information automation equipment, the analysis methods and procedures of computer network technology, and the impact of modern computer network technology's practice level in electronic information engineering on the operational efficiency of relevant electronic information. Detect the appearance of common methods to conduct a series of analysis and put forward corresponding viewpoints. Electronic information engineering has a close relationship with the development of the national economy. However, Chinese development in this area has lagged behind other countries, but it has shown a good development trend in terms of speed. In recent years, Chinese electronic information technology is maturing. It is a relatively complete industrial production system and can be effectively linked with the world's advanced technologies. With the arrival of the era of electronic information, Chinese economic development has been inseparable from the support of electronic information engineering, and its proportion is increasing year by year. From the perspective of long-term analysis, Chinese electronic information engineering is showing its advantages and developments, and it also pays more attention to the development of the following aspects: information product quality, technology, and added value. The rapid development of electronic information engineering has led to an increase in the number of related companies. Enterprises have formed a relatively complete and scientific industrial structure in the development process and are the electronic information industry base. The rapid development of electronic information engineering also promotes the overall trend of the information industry is good, more conducive to the development of electronic information technology. Although the electronic information industry presents a good development trend from an overall perspective, it still has certain development drawbacks in the development process. It must pay great attention to the problems existing in its development and take active and effective countermeasures to promote electronic information. The development prospect of technology is better.

## 3. Problems in the Development of Electronic Information Engineering in China

Based on historical and other factors, Chinese research on electronic information engineering technology started relatively late, and there is still a long way to go compared with the level of electronic information engineering technology in some developed countries in the world. At present, although China is aware of the important role of electronic information engineering technology in economic and social construction and development, and has also increased the introduction of foreign advanced electronic information engineering technology, it has also brought a heavy economic burden on Chinese social construction. And the technology introduced by our country is not the most advanced and advanced technology of electronic information engineering technology. It is only the conventional technology of electronic information engineering in other countries. The core technology has not been really applied in Chinese electronic information manufacturing industry, making Chinese electronic information products In the international market competition,

due to product quality or lack of features, it is in a passive position and has become a bottleneck problem in the development of Chinese electronic information industry.

The electronic information industry is a knowledge- and technology-intensive industry. The development of the electronic information industry must have the support of human resources. Only through technical innovation of talents can the level of electronic information engineering technology be improved. However, the current lack of professional talents in electronic information engineering technology in China, especially those with highly educated, high-quality, and strong technological innovation capability, is extremely rare. This has adversely affected the development of Chinese electronic information engineering technology.

At present, most of Chinese electronic information products are produced through the introduction of foreign technologies. Chinese electronic information production and manufacturing enterprises lack awareness of innovation and independent property rights. There is no proprietary technology patent in electronic information technology. It is entirely a technology of other countries in Cologne. It does not increase investment in the funds, manpower, etc. for the development of electronic information engineering technology. It satisfies the status quo and blindly pursues the economic benefits of the industry. It has no time and energy to research and develop electronic information autonomously.

## 4. Optimize the Security Policy for the Development of Electronic Information Engineering

The lack of attention to the development of electronic information engineering must be highly valued. The most critical of these is the development of an effective management system to promote the standardization of the electronic market. The state must issue relevant policies to ensure that the electronic information industry has intellectual property rights. This can maximize the competitiveness of domestic software and avoid the impact of pirated software. For electronic information companies, they can promote the continuous integration of their own resources and enhance their competitiveness in the international market, which will promote the rising value of Chinese electronic products in the international market. In addition, it is also worth noting that large enterprises must effectively use their own resources, and jointly with small and medium-sized software companies, to promote the overall strength of the industry can be maximized to ensure that the competitiveness of Chinese electronic industry in the international market can be improved. Therefore, for the relevant laws and regulations and laws and regulations need to continue to increase efforts to optimize the electronic information industry system, improve the operating system, so as to promote electronic information engineering can have a better environment and conditions for development.

The electronic information industry is essentially high-end and high-tech and this cannot be separated from the support of talents. Therefore, in order to achieve long-term development of Cuijin electronic information industry, talents must be recruited to cultivate professional and high-quality talents for the development of electronic information engineering. . The country needs to do its own regulatory policies increase the training funds for electronic information technology personnel, and formulate a good development plan based on the current talent needs, especially to strengthen the training of professional and technical personnel. At the same time, it is necessary to guide technical personnel to innovate, actively explore new technologies, and provide rich rewards for those who have outstanding performance, and for those who perform relatively poorly, they need to be given appropriate punishment measures to help them Better forward. In addition, they need to be guided to actively participate in professional lectures and learn more related technologies. For electronic information engineering, professional lectures need to be organized to provide better communication opportunities for technical personnel. In addition, relevant experts and scholars need to be invited to provide appropriate technical guidance and assistance in response to the shortcomings of current technological innovations.

The effective development of electronic information products is a very favorable factor for its long-term development, and in this process, it needs to increase capital and technical support, thereby promoting the improvement of the quality of electronic information products, and in order

to maximize the improvement of the status of engineering information technology, It is necessary to increase the amount of capital investment, use effective funds, and constantly expand the financing channels to speed up the development of electronic information engineering in China. Judging from the current situation, China already has good electronic information technology. However, merely having technology is not enough. It cannot always imitate foreign advanced electronic technologies. Instead, it needs to innovate its own brand and form its own unique electronic information technology system. From the above discussion, it can be seen that the development of Chinese electronic information engineering is still in a passive situation, and the corresponding electronic products do not have a competitive advantage in the international market. The sales of foreign electronic products in China are very optimistic. In the long run, it will directly affect the research and development of electronic products in China. In addition, it also needs to pay attention to the fact that Chinese electronic information development environment is relatively poor, which is a very unfavorable factor for the development of electronic information technology and cannot guarantee its survival and development. At present, many counterfeit electronic products have emerged in the Chinese market. Pirated products are extremely common. All of them require relevant laws and regulations to be severely punished and hinder the development and development of electronic information technology in China. Attention must be paid to it. At the same time, attention must be paid to innovation. Training to promote the development of electronic information engineering in China can rely on innovation to achieve long-term development.

With the promulgation of the Key Industry Invigoration and Special Investment Management Measures for Technical Reform, it provides a theoretical basis for deepening the reform of the information technology innovation system. Through the government's increased investment, providing support and guarantees, it has promoted the breakthrough of electronic information engineering technology. In February 2009, the National Development and Reform Commission approved the establishment of a national engineering laboratory for the standardization of electronic information products. The national-level technical infrastructure public service platform provides technical and service support for the electronic information industry. And as people get more and more complex and more extensive information through computer networks, they will have greater capability requirements for our electronic confidence projects. Therefore, we can improve computer network technology in electronic information engineering at present. The protection system to meet the high efficiency requirements of electronic information engineering to the utmost and ensure the safety and stability of the Internet environment has become one of the issues that people have discussed.

In order to realize the development of science and technology in Chinese electronic information engineering industry, we need to establish a "people-oriented" value concept, cultivate talents in the electronic information industry with advanced world standards, and build a talent organization model of "technical leader + innovation team." Government and enterprises increase to invest in personnel training strengthen the introduction of information technology talents, management talents and compound talents, establish sound distribution policies and provide incentives, and build a high-quality, high-tech talent team.

## 5. Conclusion

In summary, the overall development of electronic information engineering in China is relatively optimistic, but there are still drawbacks to development. This is a very unfavorable factor for the long-term development of Chinese electronic products, and must therefore be given sufficient attention. The status quo proposes a development proposal strategy to promote the more sustainable development of Chinese electronic information products.

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