

# The Development Trend of Modern Technology of Electronic Engineering

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**Abstract:** With the rapid development of science and technology in China, a large number of scientific and modern technologies have been developed and widely used. Among these technologies, electronic engineering technology has received great attention in many domestic industries and has been widely applied. Over the years, the technology of electronic engineering modernization not only is very common in many large-scale projects, but also in the production of household appliances facilities and intelligent integration of manufacturing facilities has a universal application. As one of the modern technologies, electronic engineering technology and modern society People's Daily life and work are closely related. According to the research achievements in this field over the years, the article focuses on analyzing the trend of the development of modern electronic engineering technology, to make contribution to further with the research and application of this technology.

**Keywords:** Electronic engineering; modern technology; the development trend

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Over the years, China's social and economic development has made great achievements. The quality and quality of life of Chinese residents have been effectively improved, which has effectively liberated the primary labor force and promoted the further development of modern technology in all aspects of our country. Electronic engineering is a technology which can effectively connect the software and hardware of electronic computer. It can make modern computer more effective and accurate in processing information and data, which greatly promotes the further improvement and development of modern intelligence and digital equipment. According to the present stage, electronic engineering technology will computers as the main carrier, has in many industries and fields in our country have a very wide range of applications, and work in the daily life of the residents in our country and the daily production and operation of the enterprise also has very great influence<sup>[1]</sup>. Therefore, the electronic engineering technology not only occupies a very large proportion in the social and economic development of our country. It also has great help to the improvement of China's labor transportation level and the economic supply-side reform. So increasing about the modern electronic engineering technology this aspect research, can effectively promote the development of the technology, but also to various enterprises in our country at present stage, the industry gradually improve.

## 1. Electronic engineering modern technology

As the development of Internet technology has a good achievement, electronic engineering technology has a very important influence in people's daily production and life. Because electronic engineering is an independent profession,

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the computer as the carrier through Internet technology not only can effectively control electronic engineering. And in electronic engineering, because of the development and application of electronic devices, information can be effectively processed. Therefore, in the current development background, there are more and more emerging industries, which can help to promote the development of information technology. In specific application, new ways are adopted to promote the integration and development of technology, and further improve the industrial chain. In particular, China's social and economic development is still at the initial stage of development. In the application of electronic engineering technology, it is necessary to strengthen the investment cost in this aspect, and promote the formation of good development trend<sup>[2]</sup>. In addition, the development environment of electronic engineering technology should be further studied in order to ensure its technical level. This trend is not only an important way for the development of electronic technology industry, but also the development of modern technology.

## **2. Characteristics of electronic engineering**

Although the development of electronic information engineering experience is relatively short, its development speed is very fast. As an emerging modern technology, it has the following features: First, it can use the electronic facilities to develop the relevant information. The most representative of electronic information industry at present is electronic products. With the rapid development of electronic engineering technology, more and more relevant technologies have been combined with the electronic engineering industry. The prospect of a very good future development is of great help to the development of our country's social economy. The second is that its development prospects are very broad<sup>[3]</sup>. According to the status quo of the development trend of electronic engineering, in this era of rapid development information age, the public has depended on the application of electronic products, so the electronic engineering will gradually applied to wider areas.

## **3. The necessity of developing electronic engineering technology**

### **3.1 Lay a good foundation for the development of the industry**

At present, electronic engineering technology is widely used in many industries, but the core technologies are still not fully mastered. This will not only hinder the development of the technology, but also have a great impact on the development of related industries. This has also caused some industries to be forced to import relevant technical products from abroad to ensure the demand for their production and operation<sup>[4]</sup>. In this respect, increasing attention to the research of electronic engineering technology can not only improve the level of this technology, but also promote the development of social economy and consolidate the foundation for the development of related industries.

### **3.2 It helps greatly in promoting the development of social economy**

At present, electronic engineering technology has been widely used in many industries, which has greatly promoted the development of our country's social economy. In addition, in the process of development, the technology will achieve mutual integration of various techniques, and this is very helpful for the further development of the electronic engineering technology which further promoted the social and economic development.

## **4. The development trend of modern technology of electronic engineering**

### **4.1 State and government support**

Strengthen the support of the state and government. With the continuous improvement of the level of electronic technology engineering, it is necessary for the state and the government to strengthen their support in this regard in order to promote the overall development of society. In the course of its implementation, pay attention to the following aspects: First, we should comprehensively grasp the specific development of electronic engineering in China and formulate relevant policies in combination with specific development conditions. The state and government need to put electronic engineering technology in a key position and strengthen its support<sup>[6]</sup>. The second is to increase the financing

channels and encourage the use of modern science and technology to achieve more standardized development of electronic engineering technology with the guarantee of various technologies.

#### **4.2 Actively promote new growth points**

With the increasing of new technology, the electronic information engineering industry is playing an increasingly important role. In order to achieve better development, enterprises should pay more attention to project research and development, and promote enterprises to increase new growth points. The electronic information engineering enterprise should combine with the specific development situation of the enterprise, establish the relevant and perfect research and development system, and realize the expected development goal by utilizing all kinds of science and technology<sup>[5]</sup>.

#### **4.3 Product innovation and development**

The promotion of the integration of electronic products can promote the further development of the industry, and the combination of electronic engineering technology and electronic engineering industry is an important aspect of the development of science and technology at the present stage. To promote the effective combination of electronic engineering industry and technology, it is necessary to carry out effective cooperation among various departments within the enterprise, and also to help the research and development of electronic products<sup>[6]</sup>. In order to realize the innovative development of the product, it is necessary to construct an effective innovation model to guarantee the development of the electronic engineering industry. In this development trend, not only can the level of electronic engineering technology be improved, the quality of electronic products can be improved, but also great help to the further improvement of the related industrial system.<sup>[8]</sup>

#### **4.4 Strengthen the protection of intellectual property legislation**

In modernization of electronic engineering technology development and application of the process, the enterprise needs to enhance the innovation value, master the core technology, and build a perfect relevant industrial system, effectively improve the modern electrical engineering technology independent innovation ability<sup>[7]</sup>. In addition, we should pay more attention to the protection of intellectual property rights of science and technology, carry out relevant training, improve the popularization of related intellectual property knowledge and raise the awareness of intellectual property rights of enterprises. The law of intellectual property protection is constantly improved, so that intellectual property rights can be effectively protected.

#### **4.5 Promote the "three networks integration"**

The modern technology of electronic information engineering must raise the importance of "three network integration". To improve the industry standard, make the production level of electronic products, to give full play the role of the financing policy, improve related policies and regulations, implement the further development of small and medium-sized enterprises. Construct enterprise technology innovation system and improve the competitive advantage of electronic information engineering technology<sup>[9]</sup>. The innovation mechanism of electronic information technology is constantly improved and improved. In the process of perfecting the investment structure, the level of modern technology of electronic engineering is guaranteed. The strategic goal of developing the innovation and development of electronic engineering is closely followed by the trend of international electronic engineering technology development, so as to make adjustments in the development of independent development. Electronic information engineering enterprises need to strengthen the importance attached to major projects, establish a perfect market benefit sharing system, and establish an efficient and professional technical innovation team.

#### **4.6 Continuously improve laws and regulations**

Since the industrialization of electronic engineering can be effectively combined with many industries, it can form a new industry. In this context, we need to constantly improve the relevant laws and regulations to ensure the development of this industry. For example, the effective combination of computer technology and three networks can

not only improve the development of electronic engineering technology industry, but also promote the improvement of relevant policies and laws and regulations. In this situation, it is necessary to focus on electronic engineering and promote the effective combination of electronic engineering technology practice and innovation to ensure its good development<sup>[10]</sup>.

#### **4.7 Optimize the development environment of electronic information enterprises**

The electronic information industry is the tertiary industry, which is a kind of emerging industry which has been formed with the improvement of China's economic development. To achieve better modernization of electronic engineering, we must optimize the development environment of electronic information enterprises. This requires enterprises to take a variety of methods in daily work to improve the ability of professional technical talents, thus promoting the development of enterprise innovation.

#### **4.8 The steady development of electronic engineering**

At present, the scale of the production of electronic products in China is very large, combines computer technology and network technology effectively can get further development, and make the present stage of development needs are met. However, in the actual development of electronic engineering technology, the advantages of electronic engineering technology have not been effectively reflected in various aspects<sup>[11]</sup>. These influences not only hinder the development of electronic engineering technology, but also cause a series of problems in the development of electronic industry. Under the background of this development, want to make further development in our country, not only to strengthen the attention to improve the level of science and technology, also need to deal with the problems, and promote the stable development of the electronic engineering technology.

#### **4.9 Expanding the development field of modern technology industry of electronic engineering**

It is necessary to continuously expand and improve the application fields related to electronic engineering technology, use the relevant policies promulgated by the government, strengthen innovation, continuously increase the financing channels for enterprises, and expand the development fields of research projects, and on this basis, form a kind of Effective multi-level development model. In the process of transforming electronic engineering modernization, it must be carried out according to the actual development of the enterprise itself. In addition, it is necessary to consider the future development trend of electronic engineering modernization technology, and constantly improve and perfect the related system so as to effectively break the development of electronic engineering modernization technology<sup>[12]</sup>.

#### **4.10 Technical transformation of enterprises and industries**

Electronic engineering enterprise in reform, need combined with the specific development of the enterprises, abide by the principles of the corresponding development, and by the relevant laws, regulations and policies to promote electronic engineering industry to realize further change, in the future development needs satisfaction guaranteed. In addition, also need to enterprise management structure and pattern change, combined with enterprise's own development needs, in the electronic engineering technology guaranteed under the premise of innovation development strategy. This will not only improve the development standard of the electronic engineering industry, but also satisfy the development standards of the engineering industry, thus guaranteeing the development of the electronic engineering industry.

#### **4.11 Focus on the training of professionals**

Through these years education culture, China's high efficiency and higher vocational college education has produced a lot of talents in electronic engineering. Through these years education culture, China's high efficiency and higher vocational college education has produced a lot of talents in electronic engineering. Therefore, in the process of education training, good communication between schools and enterprises is required. Let the enterprises participate in the campus learning work, so that students have a more comprehensive understanding and mastery of electronic

engineering technology, so as to lay a good foundation for their future work and innovation<sup>[13]</sup>. But in the process of innovation needs the staff has a strong intuitive and practical ability, which requires the talents in the process of the commencement of the training to strengthen the ideological education, to improve the professional ability and comprehensive quality.

## 5. Conclusion

The research results show that the electronic engineering modernization technology is widely used in many industries and fields in China. Moreover, the application of this technology to improve the efficiency of related fields and industries is very helpful, and the quality of work can be effectively guaranteed. In addition, it can be effectively solved through this technology in the development process. In this paper, the development of electronic engineering technology in China is analyzed in detail. This paper briefly introduces the electronic engineering technology, analyzes the characteristics of electronic engineering technology and the necessity of development. On the basis of this, the current situation of China's electronic engineering development is combined, and the trend of the development of electronic engineering technology in China is analyzed. Looking forward to how electronic engineering technology can achieve results in China under the new big development environment. Through the research of this paper, we hope that this technology can be further developed by studying the development trend of the modern technology of electronic engineering. It will promote the development of related industries and fields in China and lay a good foundation for future development.

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