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Original Paper

Application of Electronic Information Engineering Technology in Intelligent Communication

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Abstract

As a representative of advanced science and technology, communication intelligence technology has developed steadily in the past few years. At present, the wide application of electronic information engineering technology in electric power industry has a very important impact on the development and construction of electric power communication network. Electronic engineering technology provides a good solution to solve the problem of unstable power supply in China's power system, which not only promotes the development of the power industry, but also plays an important role in the maintenance of China's power system. In recent years, with the steady development of artificial intelligence technology, its application is also increasing, and it has gained more and more widespread social attention. Nowadays, with the continuous development of Internet technology and electronic computers, people's cognition of artificial intelligence technology and artificial intelligence products has slowly changed. The continuous progress of science and technology has made artificial intelligence walk in the front of today's scientific and technological development, and has attracted high attention and application from all walks of life. As the main communication technology produced in today's society, electronic engineering technology provides great convenience for People's Daily life. Electronic engineering technology is constantly innovating and breaking through on the basis of existing, and developing in the direction of intelligence.

Keywords

Electronic information engineering, Data transmission, Electronic communication technology

1. Introduction

With the acceleration of social development, communication technology is also gradually strengthened, and has been widely used in production and life, making people's lives more convenient. Electronic information technology is an important carrier technology, which can improve the use efficiency of

intelligent communication technology, and can continue to develop in the direction of intelligence. Compared with other technologies, electronic information technology has the advantages of large amount of data, strong anti-interference ability and long transmission distance. In addition, electronic information technology has a huge cost advantage, provides great convenience for People's Daily production and life, and gradually becomes the most important communication technology in people's social production and life. Compared with other communication technologies, electronic information engineering technology has the advantages of fast transmission speed, long transmission distance, strong anti-interference ability and low cost. It has been widely used in all walks of life.

2. Definition and Characteristics of Electronic Information Engineering Technology

With the continuous development of society, communication technology has been widely used in people's production and life, which has brought great convenience to people. The electronic information engineering technology is an important communication technology, which can improve the application level of communication technology, and promote the communication technology to develop in the direction of intelligence and science. At present, electronic information engineering technology has been deeply applied in the power industry. It plays an important role in the construction of electric power communication network, effectively improves the quality of power supply in the power industry, and effectively alleviates the instability of China's power supply system.

2.1 Definition

For electronic information engineering, it is mainly a system built on the basis of information, with information storage, collection, processing and other functions. Through the use of computer technology can effectively control and process electronic information, is a very important modern information technology. With the continuous development of science and technology in China, electronic information engineering technology has been widely used in manufacturing, automation, communication and other industries, and has obvious advantages in information transmission speed, transmission range, anti-interference, etc., while ensuring information security, it is applied in intelligent communication, which can quickly transmit information, so as to automatically detect and control systems. Comprehensively improve the level of communication.

2.2 Characteristics

The electronic information engineering technology is analyzed, and its characteristics include the following aspects.

First, it has a powerful storage function. For electronic information engineering technology, it has outstanding advantages in the collection, statistics and storage of information, and can effectively store different quantities and categories of information resources, so that users can meet their own needs, with a powerful information storage function, can help people to obtain diversified information resources.

Second, more accurate processing of information. During the operation of electronic information

engineering system, it can store information effectively by checking, filtering, screening and other calculation programs. In the process of information processing, compared with traditional manual information processing, electronic information engineering system can use a new automatic information processing technology that is more accurate and efficient. By applying this technology in daily work, work efficiency can be effectively improved

3. Development Status

With the development of new industries, electronic information engineering is becoming more and more possible. While affirming the existing development achievements, relevant technical personnel should also recognize the existing problems, look forward to the future development space, and constantly explore electronic information engineering technology on the existing basis to improve the level of technical application. In order to effectively create a high-quality environment for the development of electronic information engineering technology, it is necessary to strengthen technical research, optimize the market environment, and provide high-quality conditions for the good development of electronic information engineering technology. According to the current research, the relevant government departments and some social enterprise organizations have fully recognized the importance of intelligent communication technology. They have invested money, time, energy and material resources to make it the current research focus. The government needs to clearly enhance the basis for the intelligent level of the information and communication industry, adopt industry behavior supervision and policy guidance, standardize the allocation of communication resources and development rules, and make up for the shortcomings of the market. Whether it is the development of telecom operators or the operation of network service providers, from the perspective of enterprises, it is necessary to solve the problems that may occur in the construction and practice of intelligent communication. Moreover, these problems are gradually transformed into market demand, taking market demand as the main driving force to effectively promote the sustainable development of intelligent communication. The promotion of intelligent communication construction not only needs the guidance of relevant government policies, but also depends on the research and development of relevant technologies. As the key core technology, electronic information engineering technology plays an important role in the construction of intelligent communication. Therefore, only clear development direction of electronic information engineering technology, in order to consolidate the technical support of intelligent communication construction in our country.

With the in-depth research and development of China's electronic information engineering technology, the current information data transmission function has been further expanded, language through the information data transmission function effectively applied to the modern intelligent communication system, not only to ensure the timeliness of information transmission, but also to enhance the security of information transmission. For example, in some commercial activities, the scientific configuration and application of electronic information engineering technology can not only enhance the efficiency of

information in the interactive transmission process, but also enhance the reliability and security of information transmission. In this process, the time difference between information exchange is obviously shortened. To build an effective communication and communication bridge for the participants in the whole business activity. In addition, through the scientific application of electronic information engineering technology, and for electronic information engineering technology may exist part of the fault causes, for example, communication engineering substation fault or relay protection fault in the effective identification, quickly find out the fault point in the communication engineering, so as to carry out reasonable excisions.

Through the effective application of electronic information engineering technology in communication intelligence, the intelligent advantage of communication technology can be effectively reflected. First of all, in the application of communication technology, there is a vulnerability in the system, which will have an impact on the speed and security of information transmission, and through the application of electronic information engineering technology, these vulnerabilities can be effectively solved. Secondly, in the process of communication security management, through the use of communication intelligent equipment, the equipment can carry out efficient analysis of the operation of the system, if there is a security risk, it can send an alarm signal to the control center, and take appropriate measures in time, so as to ensure the operation safety of the communication system. In the process of information security protection, by promoting the intelligent development of communication system, it can effectively improve the level of information security management and promote the stable development of society. The application of electronic information engineering technology in information security management, mainly for the use of electronic password lock equipment, can prevent information leakage and other problems in the process of information transmission, and in-depth analysis of possible security risks during information transmission, so that related security problems can be effectively prevented.

It is the most important link in the development of innovation. The enhancement of innovation ability will promote the continuous construction and improvement of electronic information engineering in our country. If we do not carry out innovative business, the development of the company will inevitably lack the source power of technology development and improvement to a certain extent. Electronic engineering is no exception. Only by improving production and production quality can we improve technology and production quality. The electronic communication industry is also highly developed, which is an important part of electronic information professionals, in addition to the need to improve technical and computer skills. Although the electronics industry has certain resources and talents, the process of skills training is not perfect. China's knowledge industry development started late, the level of knowledge and professional knowledge is not high enough, because China's research and development has not achieved any results, technology to a large extent no autonomy. At present, China's communication intelligence technology can not fully meet the market demand, can not quickly and effectively use the market opportunity to create considerable economic benefits.

4. Future Development Trend of Electronic Information Engineering Technology

With the continuous development of information society, remote sensing mapping as a new mapping technology came into being. Remote sensing mapping technology plays an important role in surveying and mapping work in China. At present, it is necessary to collect accurate data and information on the eve of urban construction. Remote sensing mapping technology can meet the needs of urban construction. Compared with other mapping technologies, remote sensing mapping technology has great advantages and plays an important role in people's social production and life. For example, people can use electronic information engineering to transmit images, audio and other data. Nowadays, with the continuous progress and development of science, remote sensing mapping technology is also developing. Through the application of various advanced equipment, the accuracy of remote sensing mapping technology in surveying and mapping objects has also been greatly improved. At the same time, through the use of advanced surveying and mapping equipment and remote sensing surveying and mapping technology, the work difficulty and workload of surveyors are greatly reduced, and the work efficiency is effectively improved. The introduction of advanced equipment and technology has stimulated the labor intensity of surveyors and is conducive to the improvement and further development of remote sensing surveying and mapping technology. With the continuous development of science and technology, the theoretical research of remote sensing mapping technology has turned to practical application, which plays an important role in disaster prevention, natural environment mapping and modern city development. At the same time, we can't ignore the huge cost of remote sensing technology, which limits that remote sensing mapping technology can't be fully applied to projects with insufficient investment. In the process of using remote sensing mapping technology, the introduction of electronic information engineering can greatly reduce the operating cost of remote sensing mapping technology and reduce the consumption of financial and material resources. Therefore, it is necessary to strengthen the research on the combination of electronic information engineering technology and remote sensing mapping technology at this stage, and reducing costs through electronic information engineering technology is an important direction of future research and development in this field.

5. Conclusion

To sum up, electronic information engineering should improve the long-term management process, improve the management quality of engineers and employees, solve specific problems in engineering management, and solve these problems in different ways to ensure the quality and safety of its development. With the rapid development of information technology, various carrier technologies of information technology have also been greatly developed. Electronic information engineering technology is one of the carrier technologies of information technology, which has strong security and stability. The effective application of electronic information engineering technology in communication intelligence can optimize information transmission, ensure information security, detect fault problems

in time, effectively maintain the stable operation of intelligent communication system, and greatly improve the level of communication technology. In this regard, relevant technical personnel need to fully develop and apply electronic information engineering technology, absorb professional and technical personnel, pay full attention to the development of intelligent communication and electronic information engineering technology, so as to comprehensively improve the level of communication in our country.

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