

Study on the Application of Industrial Internet Based on 5G Environment

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Keywords: 5G environment, Industrial internet, Application discussion

Abstract:As an important breakthrough point of industrial innovation, the Industrial Internet has received widespread attention in my country. In recent years, various countries have paid more and more attention to the Industrial Internet. The Industrial Internet has become a one of the important weapons for each country to compete for the right of international discourse. The development of 5G technology has also led to the rapid development of the Industrial Internet. The advantages of the 5G system in the Internet can greatly promote the development of the Industrial Internet and bring more new opportunities to our country's industry. After the gradual development of 5G technology, more and more people began to apply 5G technology to industrial Internet technology, hoping to better combine the two.

1. Introduction

The Industrial Internet is to create an open and globalized network for people. It can integrate the equipment, production lines and products of various network platforms to provide convenience to customers. The Industrial Internet can more efficiently share various resources in the industrial economy, drive better development of the industrial industry, and make automation and intelligence more popular in the industrial field. Industrial Internet can reduce the cost of enterprises and increase the efficiency of enterprise production through intelligent production methods, bring more benefits to the development of enterprises. And it can help enterprises to successfully transform in the development process.

Industrial Internet technology has been rapidly developed in many cities in my country. It can effectively achieve the leapfrog development between manufacturing and service industries, so that my country's industrial economy can better achieve shared functions. Customers can see the development of industry more intuitively. The Industrial Internet can effectively combine industry and communication technology, and drive my country's industry become more intelligent. The concept of Industrial Internet has always existed in the development of my country's industry. It can combine my country's machinery and communications technology in a new way. Internet technologies are effectively connected to promote the development of industrial technology in China. It can also bring more convenience to the staff of our country, so that the staff can better supervise various fields in the process of work.

The rapid development of industrial Internet technology has brought more new development opportunities for my country's corporate economy. Industrial Internet technology can effectively

solve communication problems, allowing my country's industrial technology to be more intelligent and personalized. In the process of development, my country has also promulgated some corresponding laws and regulations to promote the development of industrial Internet technology and promote the integration and innovation of my country's Internet technology.

2. Application Analysis of 5g Technology in Industrial Internet

2.1 Traditional Internet Mode

5G technology has the characteristics of high speed and low latency. It is an indispensable part of my country's current development process. It can effectively promote my country's economic development and enhance my country's international voice. Since its issuance, 5G technology has been widely used in various fields in our country, and it will become an important source of information technology for people. The following problems exist in the application process of my country's traditional Internet model. First, the efficiency of information transmission is not high enough. China's traditional industrial Internet information transmission efficiency is not high because of the lack of advanced network technology. Under the influence of my country's traditional 3G and 4G networks, the industrial Internet is in In the application process, the information cannot be conveyed more accurately, so that many industrial fields cannot get the most accurate information in a short time. Second, it cannot be better integrated with industrial applications. Technology plays an important position in the process of industrial development, but in China's traditional Internet environment, although the network environment is highly advanced, it is insufficiently integrated with industrial technology, and is affected and restricted by my country's network environment. The effect of technology application has had a great negative impact, leading to my country's advanced technology cannot be well integrated with Internet technology.

2.2 5G Technology

In the process of development, 5G technology can effectively meet the requirements of the industrial Internet, enable industrial technology to become sharing, simplify some complex industrial technologies, and help users to understand the development of industrial technology. We need to connect 5G technology with industrial Internet technology more deeply to promote the development of China's industrial Internet technology.

As a new technology, compared with traditional Internet technology, 5G technology has greatly improved its performance in all aspects. If 5G technology is applied to the industrial Internet on a large scale, it will definitely drive the development of my country's modern industry. The reliability of 5G technology is high, and it has been widely used in various fields in our country. For China's modern industrial Internet technology, lots of data is needed to ensure the better development of my country's industrial Internet technology. 5G technology plays an important role in the process of enterprise development. We should vigorously promote the development of 5G technology and let it be better applied to all areas of my country's industrial development.

2.3 Integration of 5g and Industrial Internet

As an important support for the transformation of industrial parks, industrial Internet technology can effectively promote the development of industry. After the development of 5G technology in recent years, the introduction of 5G technology in the development process of my country's industrial industry can promote the rapid development of my country's industrial Internet. The rapid

development of 5G Internet technology has caused more and more industries in my country to use this emerging technologies. 5G technology has strong remote control capabilities. For some coal mines and port industries, the wide application of 5G technology can save them a lot of human resources and allow them to more accurately view the working environment. 5G technology can help enterprise to reduce the cost of construction and improve the efficiency of production, so that the enterprise can better perform production work in the process of development.

3. Application of 5g Technology in the Industrial Internet

3.1 High-Speed Network Development

According to the operation of the 5G network, we can see that the transmission speed of the 5G network is relatively fast. The 5G technology has been popular in the world. More and more industrial industries have begun to apply 5G technology to industrial development during the development process. Compared with the traditional industrial Internet, 5G Internet technology can effectively improve the efficiency of industrial production and provide more possibilities for the development of China's industrial industry. Therefore China's industrial industry can develop well.

3.2 Wireless Connection

Under the background of the rapid development of China's industry, people have more requirements for industrial Internet technology. Industrial Internet technology needs to continuously strengthen its stability and transmission quality during the application, so as to ensure a better development of industrial industry. 5G technology can effectively reduce the interference of the external environment during the development, and it can effectively carry out wireless connection. In our country's industrial production process, most of them are workshop equipment, and these workshop equipment are more complicated. The inorganic environment can effectively improve the information combination between equipment and realize the effective connection between people and equipment. In the production process, it can promote more efficient coordination of equipment and human resources, so that industrial Internet technology can play a better role in the development of my country.

3.3 Better Connection of Industries

In the process of the development of China's industrial industry, the connection among all parts need to be strengthened, so as to promote the better development of the industrial industry. The application of industrial Internet technology can effectively improve the intelligent development of industry. In the current development process of our country, more and more industrial activities begin to use high-tech technology. However, the use of these high-tech technologies cannot be separated from the control of human resources. Therefore, how to make people better control these high-tech technologies is worth discussing Questions. The rapid development of 5G Internet technology can effectively promote the connection of human, machine and system, and provide more convenience for the development of China's industrial industry, so that people can work better in the process of work. The development of 5G can make the industrial Internet and Internet technology better connected.

3.4 Communication between Industries

Industrial Internet is in the process of development can not only face an independent enterprise,

industrial enterprises in the process of development should pay attention to the connection between industries, so as to better achieve information sharing, reduce the supply cost of enterprise resources. In today's era, the network has become more diversified. If an industrial enterprise closes down for scientific research and does not communicate with the outside world, it is difficult for them to find out some problems in the development process in time. With the rapid development of 5g industry, industrial enterprises can communicate well.

4. Conclusion

In the process of development, industrial enterprises should pay attention to the connection between industries, so as to achieve better information sharing and reduce the supply cost of enterprise resources. Today, the network has become more diversified. If an industrial enterprise closes down for scientific research and does not communicate with the outside world, it is difficult for them to find out some problems in the development process in time. Since the emergence of 5G technology, it has been used in various fields in China. 5G technology environment can effectively promote the development of Internet technology in China, and increase the use frequency of industrial Internet in various industries in China.

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