Integration mechanism of computer application technology and information management

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ABSTRACT. *Since the 21st century, with the continuous development of science and technology, China's national economic level and people's living standards have been improved. Computer application technology has promoted the development of related industries in China, and has also become an inseparable modern technology in people's daily life. In the process of enterprise development in our country, the comprehensive management of information resources is an important part of enterprise comprehensive management. Only by ensuring the quality of enterprise information, can enterprise managers make correct decisions and development plans, and promote the healthy development of enterprises. Through the integration of computer application technology and information management, it will ensure the comprehensive management of enterprise information to a certain extent, meet the needs of current social development, and establish a modern comprehensive information management model.*

KEYWORDS: *Computer; Application technology; Information management; Integration*

0. Introduction

With the development and progress of the times, computer technology and information management technology have become an indispensable part of enterprises in the current stage. Integrating computer application technology and information management technology is very important to promote the development of computer technology, and is also the key to ensure the normal and orderly development of enterprise work. Next, the integration of computer application technology and information management will be discussed and analyzed in detail.

1. Summary of Computer Application Technology in Information Management

1.1 Basic feature

With the continuous development of information globalization, information becomes richer, more modern, more complex and more diversified, which requires enterprises to realize the comprehensive management of information resources through modern scientific and technological means. Therefore, in the development of enterprises in China, many enterprises have realized the information management of enterprises by introducing computer application technology and effectively collecting relevant information. To realize intelligent and automated high-tech information management means, such as analysis, research, etc. The implementation of computer application technology can not only classify various information quickly, but also play a vital role in information storage[1].

1.2 Main advantages

The quality level of information is an important factor to determine the future development of enterprises. Only by ensuring the quality of information can enterprises better formulate relevant development strategies and promote the healthy development of enterprises. With the continuous improvement of the level of social development, the requirements for information management are more stringent within enterprises. Some related information resources management can not be achieved by manual means, which requires enterprises to realize the modernization of information management technology. As the most important scientific and technological means in the new century, computers can effectively manage the internal information of enterprises, thus lightening the burden of enterprise information managers, speeding up the processing speed of enterprise information resources and improving work efficiency. Compared with the traditional information management mode, the combination of computer application technology will make information have the advantages of high quality, high efficiency and timeliness, which is the basic guarantee for the development of enterprise information management in the future[2].

2. The Importance of Integration of Computer Application Technology and Information Management

With the continuous development of socialist market economy, new requirements have been put forward for all walks of life in our country, which makes the development of our enterprises face more pressure. How to improve the comprehensive competitiveness of enterprises has gradually become one of the main objectives in the process of enterprise development. This requires our enterprises to reform the traditional information management mode in order to meet the needs of future social development. On the one hand, through the effective integration of computer application technology and information management, information resources can be used more effectively by enterprise leaders. Information, as an important part of the enterprise development process, is an important guarantee for enterprises to improve the quality of decision-making. Globalization of knowledge and information enables enterprises to collect more information resources in the process of development. How to achieve effective management of information resources through modern management means has become the main way for enterprises to improve their comprehensive competitiveness. Through the integration of computer application technology and information management, the comprehensive quality of information will be greatly improved, so that business managers can get the most accurate information in the first time, and then make corresponding enterprise decisions. On the other hand, through the integration of computer application technology and information management, the traditional manual statistical methods have been fully improved, and the efficiency of information management has been effectively improved. In this rapidly changing society, improving the efficiency of enterprise information management will promote enterprise managers to make corresponding decisions more quickly, improve the ability of enterprises to respond to changes, enable enterprises to capture useful decision-making information in a timely manner in numerous information resources, seize good opportunities for development, is very conducive to the healthy development of enterprises[3].

3. The Value of Integration of Computer Application Technology and Information Management

According to the relevant experiments, it has been proved that this technology can bring its own value into full play in information management, so it is necessary to have a comprehensive understanding of all the contents of information management. With the society entering the information age, information management has become an indispensable and important work in the development of all walks of life. Integrating the two can not only promote the production efficiency of all walks of life, but also further guarantee the quality of products. In addition, the two as a whole can also play an important role in the operation of enterprises, while avoiding staff errors, but also can eliminate unnecessary cumbersome work. At this stage, China's production, finance and other fields have effectively integrated the two, and applied in the industry, its application effect is relatively ideal. Based on the combination of the two, colleges and universities in China can better manage places with important information resources such as libraries.

From the current situation of their application in China, there are many difficulties in the process of integration. Therefore, it is necessary for relevant staff to constantly innovate and introduce advanced science and technology to improve the operation level of computer technology in information management. Moreover, managers should fully master computer technology in order to further improve the quality and efficiency of their work. At present, the staff in various fields have accepted the integration of the two, and hope that the integration can further play the role of computer technology in various fields. People want to integrate the two, mainly because they have the following two advantages after the combination is completed: 1) after the integration is completed, it can effectively reduce the burden of information managers in the work, thus effectively improve the efficiency of information management; 2) the integration of the two makes the industry more standardized in the work process. In addition, the integration of the two also requires the relevant staff to further improve their professional quality and ability to meet the information management work after the integration.

4. Integration and Application of Computer Application Technology and Information Management

4.1 Enhancing the Consciousness of Information Management

Effective management of information resources will become the main driving force in the development of enterprises, and also an indispensable and important means in the future development of enterprises in China. Enterprise information contains many important information such as development decision-making and development status, which urges managers to strengthen their awareness of information management. In some enterprises of our country, through the integration and application of computer application technology and information management, the information management consciousness of enterprise managers is fully strengthened, the security of information resources is guaranteed, and the comprehensive competitiveness of enterprises is improved[4].

4.2 Strengthening the Establishment of Information Management System

In the process of realizing the integration of computer application technology and information management, we should strengthen the establishment of information management system. Influenced by the traditional information management mode, some enterprises in our country still have the information management mode of using manual collection, analysis and collation of information, which not only increases the error rate of information analysis to a certain extent, but also greatly reduces the efficiency of information management and seriously hinders the healthy development of enterprises. Through the establishment of information management system, the management of information database, the general classification of information resources and the rapid collection of effective information will be effectively realized through computers, thus further strengthening the effective implementation of information management. At the same time, enterprises should establish an information management system suitable for their future development, and effectively apply modern technological means in accordance with their own development reality[5].

4.3 Ensuring the Improvement of the Comprehensive Quality of Information

In the process of enterprise development, the comprehensive quality of information is the guarantee of the healthy development of enterprises in the future. Therefore, in the process of realizing the integration of computer application

technology and information management, the comprehensive quality of information should be fully improved. High-quality information can ensure that business managers make correct judgments, so as to formulate a suitable strategy for the development of enterprises. Enterprises can establish a database system, and make full use of computer application technology to screen and analyze information, so as to ensure that information resources have high value. At the same time, relevant information resources should be properly preserved, and duplicate information should be avoided in future information collection, so as to fully improve the comprehensive quality of information and promote the effective development of enterprise information management[6].

4.4 Promoting the Widening of Information Collection Channels

With the development of Internet industry, enterprises have more ways and resources in the process of information collection. But how to quickly screen out effective information from numerous information resources has become one of the main difficulties faced by enterprise information managers. Due to the relatively low degree of supervision over the network platform in China, there are many false information in the network. However, it is difficult for enterprise information managers to distinguish the true from the false information, and even the false information will have a negative impact on the development of enterprises. This requires enterprise information managers to integrate computer application technology and information management to realize the widening of information collection channels and ensure information. The authenticity, reliability and timeliness can avoid the economic losses caused by false information. At the same time, authentic and reliable information should be archived for future needs[7].

4.5 Speed up the update of inventory information

Inventory information, as its name implies, refers to the basic information generated in inventory management activities, including procurement, warehousing, procurement planning customization and other basic information. For the development of enterprises, inventory information provides support for enterprises to make more realistic decisions and avoid wasting related resources, thus causing

certain economic losses. Through the integration of computer application technology and information management, inventory information can be updated more quickly. Enterprise managers can grasp the basic status of enterprise inventory at the first time, realize the modernization reform of inventory information, and play a positive role in promoting the comprehensive development of enterprises[8].

The development of science and technology has brought new changes to people's lives, which is of great significance to the development of enterprises in China. The development of enterprises is inseparable from information resources, so at the present stage, enterprises should learn to correctly apply computer application technology and information management, and combine them to promote the further development and improvement of enterprise information management, so as to further guarantee the improvement of enterprise industry competitiveness and the comprehensive development of enterprises in the future.

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