

Integrated Analysis of Computer Application Technology and Information Management

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Abstract: This great measure of reform and opening up has not only brought about economic growth, but also laid the foundation for the development of science and technology. The rise of the Internet industry has changed people's way of life. The powerful function of computer application technology has been gradually revealed in practical application, and various industries have already begun to use computer in the process of office, in which the integration of computer application technology and information management brings great convenience to the operation of enterprises. Starting from the present situation of information management, this paper discusses the integration path of computer application technology and information management, and also analyzes the advantages of computer application technology and information management integration.

1. Characteristics and Advantages of Computer Application Technology

From tradition to innovation from innovation to reform, this process represents the rise of the progressive China of the times. In today's great development environment, every industry is actively self-innovation, the most important part of the reform process is the use of computer technology to manage. Computer application technology has played its role in different fields, and information management is no exception[1]. The integration of computer application technology and information management makes up for the shortcomings of the traditional information management mode, and improves the quality of information management while improving the information management mode. Computer application technology is of great significance to information management, and the integration of the two will undoubtedly improve the work efficiency of employees.

As we all know, the use of computer technology has the characteristics of convenience and speed, at the same time, the computer's powerful operation ability and accurate data processing are also the most appreciated functions. The use of computer technology in information management can make the processing of information become more high speed and accurate, at the same time, the characteristics of large computer storage also facilitate the storage of information, and then improve the work efficiency and ensure the quality of work.

There are many advantages of computer application technology, which can not only help enterprises to control the input of costs, but also make the management of enterprises become more standardized and enhance the core competitiveness of enterprises.

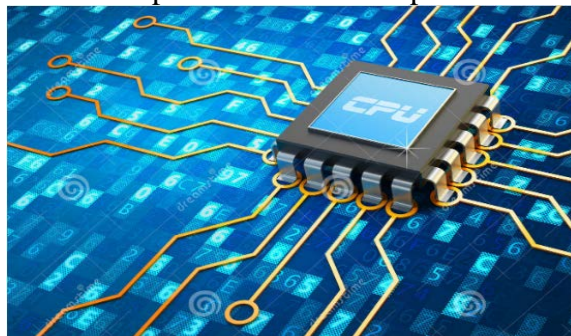


Figure 1 Central processor and computer technology

2. Concept of Information Management

Information management refers to the management and preservation of various types of information. Today's information is no longer just text, information includes both text information and picture information and video information. Information management not only to achieve the preservation of information but also to collect information processing, collation, analysis and statistics. In this era of rapid information dissemination, information management has become particularly important, the importance of information management will be gradually revealed with the development of the times. Information is also a kind of resource, so information management is also a special way in resource management.

3. Current Status of Information Management

One of the important work contents in enterprises and institutions is information management, which can create a good foundation for the development of enterprises. The important flow of information management includes information collection and information analysis[2]The application of traditional information management methods will reduce the working efficiency of enterprises and affect their development decisions. For example, in the work of information collection, the traditional information management is mainly through manual to obtain information, but in the face of massive information, labor is far from the speed of computer processing information, which also reduces the speed of obtaining information and then increases the cost of labor. The screening and retrieval function of the computer will make the collection of information more rapid, but also increase the flexibility to collect information[3]According to their own needs, enterprises can use the retrieval function of computers to find the information they need. It can be seen that the traditional information management can not meet the needs of enterprises for information in the new era, and will not put forward accurate data analysis for the development of enterprises. Therefore, most enterprises are now integrating computer application technology and information management to improve their core competitiveness and win the long-term and stable development of enterprises.

4. The Integration of Computer Technology and Information Management

4.1. Building Awareness of Information Management

The integration of computer application technology and information management needs people to take the initiative to realize, the action is dominated by consciousness, only with the consciousness of information management can complete the construction of information management system. Therefore, the establishment of information management consciousness plays a key role in the integration of the two. The establishment of information management consciousness can make the management of information run efficiently, but also will maximize the role of information. Modern life is becoming more and more complex, both in the type and quantity of resources[4]. The establishment of information management awareness can help employees improve their work efficiency. In the traditional information management, information management is carried out with manual processing as the carrier, but people are often affected by their own subjective factors, the introduction of computer technology has increased the accuracy of information management integration. The construction of information management network will become very smooth with the use of computer technology under the awareness of information management.

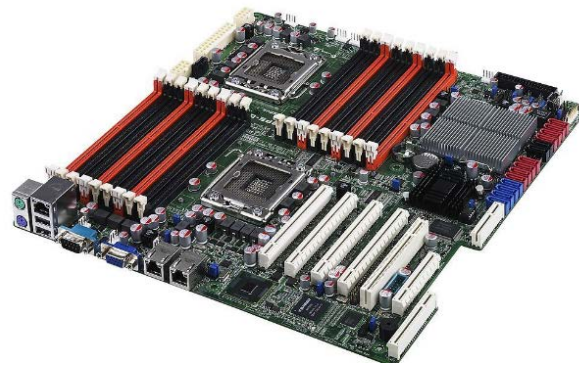


Figure 2 Computer main board

4.2. Improving Information Management Systems

The improvement of information management system and the improvement of computer application efficiency play a key role in the integration of computer application technology and information management. Any use of computer technology needs to be carried out through the platform, in the process of integration of information management and computer technology, information management system is the platform for the application of computer technology. The stability of the platform will determine the efficiency of computer application technology, if the information management system this platform itself has this loophole, then the computer application technology will not be used well, it can be seen that it is very important to perfect the information management system.

The perfect information management system can not only make the computer technology run more efficiently, but also lay the foundation for the follow-up information management work. The information in the information management system needs to be updated in real time, so that the function of the information management system can be brought into play, and the timely updating of the information is also a step to improve. The information management system can only optimize and update itself in time in order to provide the enterprise with the information in line with the development of the times.

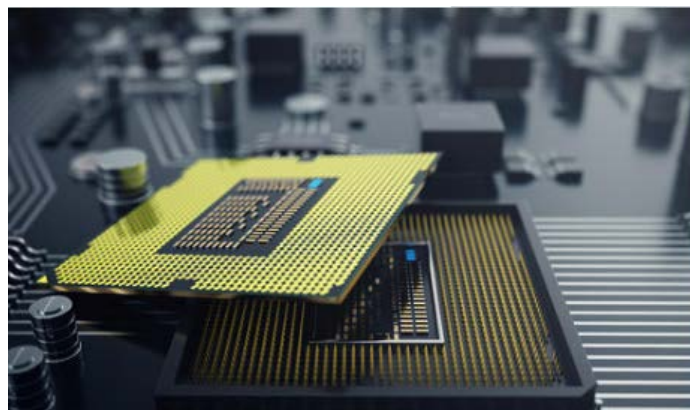


Figure 3 Computer motherboard chip

4.3. Pay Attention to Personnel Training and Set Up Professional Teams

The use of computer technology needs to be operated by professional personnel, and the integration of information management and computer technology can not be completed by one's own power, which requires enterprises to find professional teams to operate and maintain the information management system. A professional team can maximize the integration of information management and computer application technology[5]The operation of professionals can simplify the tedious process and avoid system accidents caused by operational errors. From the computer information management system of our country, professional information management talents are still relatively lacking. In the process of integrating information management and computer application technology, enterprises should not only pay attention to the employment of professional

teams, but also pay attention to the cultivation of relevant talents within enterprises. For example, enterprises can choose employees suitable for professional knowledge learning in each department to carry out basic training, talent training is a long-term process, enterprises can choose from the training of employees with excellent performance for orientation training. This method not only makes up for the shortcomings of the lack of professional personnel in enterprises, but also enables most employees to master the basic professional knowledge through training[6]. The improvement of staff's professional knowledge has further enhanced the quality of information management and promoted the integration of information management and computer application technology.

5. The Advantages of Integrating Computer Application Technology With Information Management

There are four main advantages of the integration of computer application technology and information management. First, computer technology can use the function of its own database to save and update information. Information operation in the form of data will make the operation process more simple, users only need the corresponding software operation and account login to access and process the information, efficient operation will make employees have a pleasant work experience, and then improve the efficiency of employees. Second, the integration of computer application technology and information management increases access to information. The integration of information management technology and computer application technology is not to abandon the traditional information management method, but to optimize it on the basis of the traditional information management method.[7]Not all information can be obtained manually, using computer technology to obtain information makes up for the lack of manual access to information. Third, the effective integration of the two strengthens the quality of information management and improves the accuracy and stability of information management. The construction of information management system enhances the security of information sharing, but also avoids the problem of information distortion in the process of transmitting information to the greatest extent. Fourth, the integration of information management and computer technology improves the efficiency of information management, which is also the most obvious advantage brought by the effective integration of the two. The rapid change of information data undoubtedly brings great workload to the staff. The application of advanced computer technology has promoted the automation process of information management, at the same time, it has saved the labor cost and made the daily affairs of information management more flow and simplification.

6. Conclusion

To sum up, under the background of the rapid development of information technology in the new era, the integration of information management and computer application technology is the trend of the times. These two are mutually integrated and interrelated relations, they will determine the development direction of an enterprise, enterprises without computer application technology as support will be eliminated by the industry. The integration of information management and computer application technology is a need for multi-party cooperation, the attention of senior managers, the active cooperation of the bottom staff, and the efficient operation of professional teams are the key factors to determine whether the integration is smooth or not.

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