Research on the Construction of Enterprise Financial Management Informatization

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Abstract: This paper analyses the characteristics of enterprise financial management informatization construction, expounds the importance of enterprise financial management informatization construction, analyses the current situation of enterprise financial management informatization construction in our country, and finally puts forward the enterprise financial management informatization construction scheme based on cloud computing service.

1. Introduction

The earliest research on enterprise financial management informationization in China was around 1979. In the current research, the application of cloud computing technology in enterprise financial management informationization construction was mainly studied and explored with the support of the government. In the current research situation, China's cloud computing industry chain is gradually building and improving, because the research is in the preliminary stage of research, at present, China's enterprise financial management based on cloud computing services needs to be constantly improved.

2. The Characteristics of Enterprise Financial Management Informatization

With the continuous development of information technology, all walks of life in our country begin to realize the importance of information technology application, and use information technology to carry out a series of reforms in the management of enterprises. Among them, enterprise financial management is one of the important reform objectives. With the deepening of the process of enterprise financial management informationization in China, the mode of enterprise financial management informationization in China has gradually shown its characteristics, including openness, real-time, standardization, and sharing. The openness of enterprise financial management informationization is mainly embodied in the integrated and open environment of enterprise financial management information system, under which enterprise financial management information resources can be maximized; the real-time characteristic of enterprise financial management informationization is that financial management information system can make timely decisions and make timely decisions on the changes of enterprise external business. Judgment reflects a higher real-time; and the standardization features are that because the enterprise financial management information system language is in line with international standards, it can greatly improve the effectiveness of enterprise financial management; finally, in terms of resource sharing, it mainly manifests that resources can be shared directly through the network between different systems. Generally speaking, the informationization construction of enterprise financial management has brought severe impact to the traditional enterprise financial management, and has also played a certain role in promoting the future development of enterprises.
3. The Important Significance of Enterprise Financial Management Informatization

Under the traditional mode, the construction of enterprise financial management information mainly depends on the financial management software developed by software developers for enterprises. However, in this mode, enterprises need to spend a lot of manpower, material resources, financial resources and other resources to purchase related hardware equipment, as well as software management and maintenance. Although it improves the efficiency of enterprise financial management to a certain extent, it needs to consume a large amount of costs of enterprises in general, and can only meet some of the needs of enterprises in terms of functions. In recent years, with the transformation of China's economic structure and economic model, the competition among enterprises has become increasingly fierce. In order to improve the market competitiveness of enterprises, enterprises must constantly expand their business scope and scale, and financial management of enterprises plays an indispensable role in it. However, the traditional enterprise financial management information model can not meet the current needs of enterprise development, so in order to adapt to the trend of the times, enterprises must further strengthen the construction of enterprise financial management information. At present, China's information technology and computer technology have been developed rapidly, and with the emergence of cloud computing technology, China's financial management information construction has a new way of thinking and approach. At present, cloud computing technology in China is no longer a simple concept, it has begun to be applied in practice. And it plays an increasingly important role in the construction of enterprise financial management informatization. Therefore, in the future development process, enterprises must recognize the advantages and functions of cloud computing technology, so as to apply it scientifically and reasonably to the construction of enterprise financial management information, and improve the economic benefits of enterprises.

4. Analysis of the Current Research Situation of Enterprise Financial Management Informatization in China

4.1 Relative isolation of information inside and outside enterprises

In the past, most enterprises have independent financial information management systems. However, due to the lack of overall planning within the enterprise and the lack of good information sharing channels between departments, for enterprise financial management, mainly rely on scattered information provided by various departments to collect, collate, and analyze, which makes the past enterprise finance. The efficiency of business management has been greatly limited. In addition, due to this relatively independent mechanism of information, it is difficult for enterprises to coordinate the management of various departments in the process of production and operation, which makes part of the decision-making and strategy of enterprise leaders unable to be effectively implemented, thus influencing the long-term development of enterprises.

4.2 Lack of authenticity in financial management information

As China's economic model and structure are in the stage of optimization and upgrading, China's economic situation and policies are relatively complex. In this situation, some enterprises may take some improper measures to seek benefits in addition to obtaining legitimate benefits in the course of operation. This also leads to the fact that the authenticity of enterprise financial management information needs to be studied. In fact, according to relevant statistics, most of the financial management information of enterprises in our country lacks certain authenticity.

4.3 The financial management mode of enterprises is relatively backward.

In the current enterprise financial management, more and more management links no longer need manual management. Therefore, in order to adapt to the current situation, Chinese enterprises should strengthen the construction of enterprise financial management information, so as to fundamentally
change the traditional financial management mode. However, in fact, most enterprises in China have not paid enough attention to the construction of financial management informatization. Therefore, this has led to the lack of effective communication between various departments in the process of financial management of enterprises in China, and the status quo of management efficiency and management quality to be improved.

4.4 Low adaptability to e-commerce

With the continuous development of e-commerce in China, business transactions in China have gradually become virtualized and remote. The change of this development mode has also directly affected the financial management of our country to a certain extent. Specifically, in the future, enterprise financial management must aim at e-commerce and increase modern means of operation such as e-procurement, payment and e-order. However, at present, some enterprises in our country haven't included the above points in their financial management. This is also the main reason for the low adaptability of financial management of some enterprises in China to e-commerce. Therefore, in the future enterprise financial management information construction, we must pay attention to the defects of the traditional financial management mode, so as to make our enterprise financial management information construction more comprehensive.

5. Enterprise Financial Management Information Model Based on Cloud Computing

5.1 The Concept and Characteristics of Cloud Computing

The concept of cloud computing was first put forward in 2006. Since the cloud computing technology was put forward, our government has paid special attention to this technology. However, as the development of cloud computing technology and concepts are constantly expanding and changing, so far, cloud computing has not formed a unified definition. The National Institute of Standards and Technology of the United States believes that cloud computing is a model, its main role is to provide users with on-demand resource services, and in the acquisition process of information resources, will not be interfered by human, while all resources are from a shared, configurable resource pool. But up to now, the industry has not reached a unified conclusion on cloud computing, but it can distinguish whether computing services are cloud computing according to the different characteristics of cloud computing. Its main characteristics include on-demand services, resource pooling, flexible expansion, convenient network access and so on.

5.1.1 On-demand services

On-demand service is considered from the user's point of view, rather than from the service delivery point of view. This service mode is mainly due to cloud computing as a service delivery method of information technology. Therefore, users can choose and obtain corresponding services according to their different needs. Cloud computing is closely related to people's daily life, just like water, electricity and air in life, although not noticeable, but indispensable. From the user's point of view, cloud computing providers provide services and charge related service fees through system supply and on-demand supply, which reduces the threshold for users to use cloud computing and expands potential customer resources. At the same time, it can improve the service quality and reduce the investment risk, bring convenience to users, but also bring certain economic benefits to suppliers.

5.1.2 Resource pooling

Cloud computing improves the utilization of resources by sharing resources. This requires a systematic integration of resources. First, resources are shared into a pool of resources shared by the public. Cloud computing through the centralized pool of resources for system processing, so that users can rent their own satisfied pool of resources according to their own needs. Although resource pools are shared and specific physical resource locations are transparent, users can not control resources, but can only obtain high-level location information through regular data transmission. At
the same time, cloud computing involves a variety of resource pools, according to the category of resources, cloud computing can be divided into three modes of SPI.

5.1.3 Elastic Expansion

Cloud computing can provide users with flexible and fast resource supply and services. Users can expand cloud computing resources according to their actual needs in the process of using them. In addition, the cloud platform will automatically provide or reduce the amount of resources according to the user's demand load, so that the cloud computing system is always in a state of energy saving.

5.1.4 Convenient network access

Resource access in cloud computing can support different terminal access, including mobile phones, computers, PCs and other mobile devices. Therefore, cloud computing technology can also solve the time and space constraints of information transmission.

5.2 Information Construction Scheme of Enterprise Financial Management Based on Cloud Computing

Enterprise financial management information construction scheme based on cloud computing can be roughly divided into three types, including private cloud financial management construction scheme, public cloud financial management construction scheme, and hybrid cloud financial management construction scheme.

5.2.1 Construction Scheme of Private Cloud Financial Management

Private cloud financial management mainly refers to the non-open cloud financial management construction scheme deployed in the enterprise for internal personnel or organizations. Generally speaking, private cloud financial management is built independently or assisted by cloud computing service providers, and deployed in the key parts of enterprise data management center. Because private cloud financial management is built by enterprises independently, the security of information resources can be guaranteed to the maximum extent. At the same time, the resource sharing function of cloud computing can also ensure the coordinated operation of various departments of enterprises, thus maximizing the utilization of resources and effectively avoiding unnecessary waste. Although this enterprise financial management informatization construction plan has high efficiency, but because of the need for enterprises to build and operate independently. [3] Therefore, a large amount of cost is needed. Usually, private cloud financial management construction scheme is more suitable for group enterprises.

5.2.2 Construction Plan of Public Cloud Financial Management

Public cloud financial management does not require enterprises to build cloud computing platform independently. It can realize the information construction of enterprise financial management by renting third-party cloud computing services directly. Relatively speaking, the construction scheme of public cloud financial management does not need the high cost of enterprises, but can get high-quality resources and services. Specifically, the construction scheme of public cloud financial management has high economy and low threshold. At the same time, in the process of operation, enterprises do not need to carry out operation and maintenance by themselves, which greatly reduces the operating costs of enterprises. However, because the public cloud financial management is not deployed in the key part of the enterprise internal data center, but deployed in the external cloud service platform, the security of information is lower than that of private cloud financial management.

5.2.3 Construction Scheme of Mixed Cloud Financial Management

Hybrid cloud financial management scheme is a combination of private cloud financial management and public cloud financial management. It effectively remedies the shortcomings of public cloud financial management and private cloud financial management, and can maximize the advantages of both. Usually, there are two main forms of combination of public cloud and private
cloud. One is to apply enterprise critical financial information and programs to run on private cloud, while the other data and program applications to run on public cloud. This can not only ensure the security of key financial information, but also reduce the cost of enterprise financial management information construction to a certain extent. The second is that the frequently used financial data and applications of enterprises cross the public and private clouds, thus ensuring the continuity of enterprise financial data access and application. Generally speaking, hybrid cloud has great advantages for enterprise financial management, but at present the development of hybrid cloud is not mature enough, so it is difficult to achieve. But there is no doubt that China's future enterprise financial management information construction will inevitably develop towards a hybrid cloud financial management model.

6. Conclusion

In summary, China's financial management information construction is still developing, but with the emergence of cloud computing technology, China's enterprise financial management information construction is bound to develop towards cloud computing services. The main reason is that cloud computing services make the construction of enterprise financial management informatization more economical and convenient. In addition, cloud computing services can also effectively realize enterprise resource sharing, thus realizing the coordinated operation of various departments of the enterprise, which greatly promotes the development of enterprise financial management.

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