

# Research on the problems of “cloud accounting” in enterprise accounting informatization

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**Abstract:** With the continuous development of informatization, concepts and technologies such as Internet, Internet of Things, cloud computing and big data have gradually penetrated into all walks of life, which has made great changes in the environment of accounting information. The essence of cloud accounting is to use cloud technology to build a virtual accounting information system on the Internet, and complete the accounting and accounting management of enterprises. This paper fully explores cloud accounting, expounds the basic concepts of cloud accounting and accounting informatization, analyzes the problems existing in the application of cloud accounting in enterprise accounting informatization, and puts forward corresponding countermeasures and suggestions accordingly, so as to promote the healthy development of cloud accounting.

**Keywords:** Cloud accounting; Accounting informatization; Accounting information system

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## 1. The main contents of cloud accounting and enterprise accounting informatization

With the development of informatization, cloud accounting is more and more common, which will bring great help to the accounting work, help the staff to better complete the work efficiently, better play the role of Izumo accounting in accounting work, and gradually become the main trend of the development of enterprise accounting. At the same time, in the application of cloud, there are many modes of it.

The first is the public cloud mode. This mode means that enterprises can choose appropriate cloud services according to their own office needs, so that employees can carry out relevant work according to the specific content of cloud accounting, so as to promote the business development of the company. The second private cloud mode. This model is based on business needs, combined with the characteristics of cloud accounting system, under the joint efforts of operators and suppliers, gradually enhance the control of data, and make it better handle accounting data, so that the quality of accounting work is guaranteed to the greatest extent. The third is the hybrid cloud model. This model is an organic combination of public and private modes, thus forming a new accounting model. The application of compound architecture has a great guiding effect on the financial accounting of enterprises, and helps employees to better analyze the financial data. And the relevant data for proper processing, fully save these data and information, so as to provide a complete reference for the business activities of the enterprise, and to a certain extent reduce the cost of the enterprise, for the enterprise to create greater economic benefits<sup>[1]</sup>.

Accounting informatization is the product of the combination of accounting work and information technology. With the rapid development of China's economy and the improvement of new information infrastructure, information technology has been widely used in financial accounting work. Accounting informatization is the use of new information technology to synthesize, summarize and sort out accounting information, and then reprocess and publish it, and then combine with the data of the enterprise, so that the management can make reasonable decisions based on financial analysis. Accounting information system can not only provide support for accounting personnel, but also constantly update their accounting information resources, so that the accounting work is more accurate and effective<sup>[2]</sup>.

## 2. The problems existing in cloud accounting in enterprise accounting informatization

Accounting system has high requirements on the comprehensive ability and quality of managers, and at the same time, due to the continuous development and update of information technology, the information processing ability and data analysis ability of traditional financial managers may be difficult to adapt to the rapid development of cloud accounting. On the one hand, with the progress of science and technology, the storage methods of electronic data are more and more extensive. Due to the lack of accounting professional knowledge, data analysis technology and other knowledge, it is difficult for managers to skillfully use computer software and hardware equipment, and disconnect

from accounting information work. On the other hand, because the capital investment of cloud accounting business is restricted by objective and subjective factors, In order to save money, many enterprises will give their accounts to third-party organizations to deal with. Most organizations are based on individuals. Although these individuals may be senior accountants, they do not have the scale of enterprises, so the “cloud accounting” system cannot be used<sup>[3]</sup>.

The operation of cloud accounting depends on the Internet. In its operation, any tampering or damage to its information will lead to the loss of enterprise interests. The first problem is that there are hidden dangers in the storage and backup of data. Cloud accounting is a kind of real-time data, but the maintenance and operation of the background depends on the service provider. No professional service can completely guarantee the security of data, and the integrity of accounting information also determines the survival of the accounting industry. The second is the transfer and preservation of data. No accounting data is stored in one place for a long time, and changes in the business and form of the enterprise may affect the preservation of accounting information. The third is the security of data loading, some unexpected events will cause the change of loading security, which will lead to the interruption of data loading. Therefore, how to ensure the information security of cloud accounting services has become the focus of attention of major enterprises<sup>[4]</sup>.

Compared with traditional accounting informatization, cloud accounting has many advantages, among which the most prominent one is that it is no longer a closed system. The cloud accounting system can be combined with the tax, banking, social security, audit and other related business departments, so as to have the functions of automatic tax filing and tax payment, fund use, automatic social security deposit, online online audit and so on. However, in the cloud accounting market, there are not many service providers that can combine cloud accounting products with these systems. It is difficult to realize information sharing and remote working without the integration of information systems, which will affect the efficiency of tax, business transactions, information disclosure, credit records and other work. Moreover, there are many things to be carried out on site, which consumes a lot of manpower, material resources and financial resources.

### **3.The optimization path of cloud accounting in enterprise accounting informatization**

Comprehensively improving the comprehensive quality of employees is an important factor to improve the efficiency of financial management. Having a welltrained, positive and creative staff is an important guarantee for financial informatization work. First of all, we should pay attention to the absorption of professional and technical personnel in staff selection, and try our best to introduce professionals with accounting professional knowledge and data processing technology, so as to bring strong fresh blood for the enterprise informatization accounting management team. Not only that, but also to give the existing financial management personnel a comprehensive self-improvement opportunity. For example, theory and practice training can be held within the enterprise to teach new knowledge and skills on the accounting platform. Secondly, the company can also provide an opportunity for managers to go out to communicate, so that they can learn about the advanced management ideas and technologies of other units, and improve their professional and technical level. Finally, improving the work enthusiasm of managers is also an important aspect to improve the comprehensive quality of employees. The leaders of each department should give comprehensive humanistic care to the employees, enhance their autonomy, and motivate them materially and psychologically, so that their work enthusiasm can be improved. For employees who make mistakes, they should be criticized and punished.

The operation environment of cloud accounting system is an important factor affecting its operation security. Therefore, it can be constructed from three levels: data storage stability, service management and third-party evaluation. Data storage stability means that the cloud accounting system can ensure the stability and security of all kinds of data information of users, provide redundant storage of multiple devices for users, provide remote disaster recovery and resource isolation for user data, provide safe and reliable storage capacity for each user, and ensure the durability of data. When the cloud storage capacity increases, the recovery option becomes very important. Vendors can develop an external storage device to provide complete backup, so as to reduce the time spent on the first backup on the Internet and prevent accidental damage on the Internet. Service management refers to the management of technical personnel, maintenance personnel and security personnel involved in cloud accounting services needs to be closely supervised. Technical personnel should sign confidentiality agreements to avoid leaks from insiders. For maintenance personnel, regular maintenance of equipment and hardware and software is carried out to ensure that it does not deteriorate and can meet the business needs of the company. Security personnel shall register those who have the authority to

use the service and implement the real-name registration system. In areas involving confidentiality and security, no outsiders shall be allowed to enter, and the equipment shall be properly stored to prevent loss or damage.

In recent years, many cloud accounting service providers are making continuous progress in the exploration, and constantly develop and improve their products according to the needs of different enterprises. At present, the cloud accounting products on the market mainly include accounting and purchase, sale and storage functions, and most cloud service providers do not provide the function of external system association at present. Therefore, in terms of hardware, we can increase the investment in accounting information system and purchase servers and equipment that support the interaction of various information systems. At the same time, we should try to combine cloud accounting information system with ERP and BI system to promote the development of enterprise informatization. The use of cloud accounting system can simplify and optimize the internal and external environment of enterprises, reduce the operating cost of enterprises, reduce the pressure of survival of enterprises, so that they can focus more on their own business. Cloud accounting service providers should continuously improve the cloud accounting system, enhance the connection with the external system of the enterprise, and enhance the core competitiveness of the enterprise.

#### **4. Conclusion**

The cloud accounting platform has many functions and great advantages in practical application. The existing researches seldom involve analysis on the common problems of cloud accounting at present, which has limited reference significance for domestic enterprises to properly adopt the cloud accounting model in the future. Therefore, this paper focuses on the main problems existing in the cloud accounting application to carry out in-depth analysis and research, hoping to provide useful reference for the application of cloud accounting products and a series of theoretical research to solve the cloud accounting problems, and promote the healthy development of Chinese enterprises in the cloud accounting.

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