

# *Financial Accounting Method Based on Modern Information Technology*

**Peipei Pan**

*Shandong Women's University, Jinan 250300, China*

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**Abstract:** China's accounting work has gradually developed into a combination of information technology and computer technology. This paper analyzes the relationship between accounting methods and informatization, and studies the new methods of accounting, so as to promote the development of accounting work.

## **1. Introduction**

With the continuous development of society, the disadvantages of traditional accounting work gradually appear, which has greatly affected the efficiency and effect of enterprise financial management. Therefore, in the modern information society, we must strengthen the reform of financial accounting and introduce information technology means, so as to maximize the role of financial accounting. The influence of modern information technology on financial accounting methods there are five traditional accounting methods, namely double entry bookkeeping, cost calculation, accounting subjects and accounts, preparation of financial statements, examination of vouchers and so on. Driven by modern technology, the informatization level of financial accounting management is also improving. The traditional accounting methods can not meet the needs of modern financial accounting management. Therefore, it must be reformed.

## **2. The Level of Modern Informatization Depends on Science and Technology**

With the development of society, Internet technology has been integrated into all aspects of society, and e-commerce is also developing rapidly. Therefore, the development of traditional accounting has been restricted. Therefore, with the continuous development of society, the traditional accounting work has been unable to meet the needs of the society, and the reform is imperative. However, in the process of reform, our accounting work should be carried out in combination with the development of modern information technology. On the basis of meeting the basic requirements of accounting work, we should improve accounting methods and study new accounting methods that meet the needs of modern society. Only in this way can we promote the development of accounting work.

## **3. The Influence of Modern Information Technology on Financial Accounting Methods**

There are five traditional accounting methods, namely double entry bookkeeping, cost calculation, accounting subjects and accounts, preparation of financial statements and audit of vouchers. The traditional accounting business is based on these accounting methods. However, due to the continuous informatization of modern technology, the traditional accounting process is gradually eliminated, but with the continuous development of society, accounting will also produce new content.

### **3.1 Impact on the Register**

The traditional accounting business workflow is divided into three steps. First, set up accounting accounts or accounts, then analyze various accounting data of the enterprise, sort and classify these data, and finally register the account book according to the bookkeeping procedure. Accounting data and data classification are mainly recorded in the account book. During the first accounting work, the sorted accounting data will be recorded in the account book. During the second accounting work, you can refer to the data in the account book to check the errors in the financial statements. Therefore, the account book plays a role of connecting the past and the future in the traditional accounting work, and it is also an essential step.

However, with the development of information technology, the registration book is gradually eliminated. The emergence of ERP and other data processing software improves the efficiency of data processing. The information on the report can be extracted directly from the voucher, which effectively avoids errors in data processing. Traditional accounting methods such as posting and parallel registration have also been replaced. At the same time, it is no longer necessary to set up general ledger, Sub Ledger and other account books in accounting information accounting.

### **3.2 Impact on Other Accounting Methods**

Setting and filling in vouchers is often an essential link in accounting work. However, due to the rapid development of information technology, the collection of original vouchers is mainly carried out in an integrated way, and gradually changes from paper vouchers to paperless vouchers, and also gradually develops to intelligence. The enterprise has also increased management measures to form an internal system, which makes the accounting information more complete and can update the accounting information in time.

At the same time, the development of information technology has gradually changed the traditional manual accounting method. The information system will set scientific and reasonable accounting accounts or subjects according to the needs of enterprises, and refine the content and structure of subjects, so that the accounting data calculated is more accurate and scientific. In addition, users can also screen the information according to the information system to find out useful information, so as to make it easier to prepare the financial statements, and make the content of the financial statements richer and more personalized. Property inventory and duplicate bookkeeping are also facing greater challenges due to accounting informatization.

## **4. Research on Financial Accounting Method Based on Modern Information Technology**

### **4.1 New Choice of Measurement Attribute: Fair Value Measurement**

At present, some people think that the fair value will become a new measurement method with the reform and development of accounting work, and the historical cost measurement method will be gradually eliminated with the passage of time. However, some people believe that the historical measurement method will not be eliminated. There is no doubt that fair value can better reflect the assets or responsibilities of the enterprise, but historical cost value cannot. At present, China's calculable subject is mainly the method of historical cost measurement, and the fair value measurement method is mainly used in investment real estate, available for sale financial assets, tradable financial assets and so on. However, due to the great difference between information technology and traditional manual accounting, the former takes the trend of automation when the accounting system processes the data, and adopts fair value accounting, which makes the accounting information more accurate and effective, while the latter mainly adopts the historical cost measurement method, which is because the fair value cannot be obtained and measured.

#### **4.2 A New Option for Inventory Pricing Method is the Moving Weighted Average Method**

There are many accounting methods. Generally speaking, FIFO, LIFO, moving weighted average and individual calculation methods are used in traditional accounting work. However, the operation efficiency of the first in first out method will be reduced under the condition of informatization. This is mainly because it needs to be carried out on the basis of calculating the inventory price, which affects the speed of accounting work. Although the manpower and material resources used by the monthly weighted average method are not very large, this method can not meet the timeliness of accounting informatization, so it is unable to update accounting information in time. The accounting database system can update the inventory price in real time, mainly because the development trend of accounting data collection is dynamic, so it can automatically carry out weighted accounting in the system. Therefore, the moving weighted average method is the best choice for accounting methods under the background of accounting informatization.

#### **4.3 The New Choice of Bad Debt Provision Method is Aging Analysis Method**

Balance percentage method, aging analysis method and sales percentage method are the main methods for withdrawing bad debt reserves. In terms of dealing with projects, the easier and easier methods are the percentage of sales method and the percentage of accounts receivable balance method. However, in the process of operation, they did not pay attention to a key link, that is, the proportional relationship between the time of arrears caused by accounts receivable and the possibility of bad debts, Then join the accounting personnel in the actual operation process, there will be a lack of subjective judgment, which leads to the inefficient automation of accounting information system. In contrast, it can be seen that the accounts receivable aging analysis method can not only accurately reflect the authenticity of the actual receivable accounts, but also accurately reflect the volume, data and other complex problems. This method is much more efficient than manual accounting. Therefore, aging analysis is the best choice for accounting under the background of accounting informatization.

### **5. Conclusion**

Due to the continuous development of China's science and technology, China's information technology is also developing. Cloud computing technology has also been widely used under the

development of information technology. Therefore, accounting methods should also keep up with the pace of the times and carry out reform and innovation. We should not only correctly understand the contradictions and problems faced by accounting work in the information age, but also scientifically and reasonably select accounting methods according to the actual situation. Only in this way can accounting work comply with the development of the times, meet the needs of society for accounting work and play a positive role in promoting the accounting industry. Under the promotion of information technology, the efficiency and quality of financial accounting management are also improving. Nowadays, in the practice of financial accounting management, information technology and cloud computing technology have been more and more widely used. Therefore, enterprises should also keep pace with the times and reform and innovate the accounting methods, so as to better serve the needs of enterprise operation and development. Enterprise financial managers should correctly understand the opportunities and challenges faced by current accounting, and choose scientific accounting methods based on reality, so as to give better play to the role of financial accounting and improve the efficiency of enterprise fund utilization.

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