

Analysis on the Use of Accounting Information in Internet of Things Economy

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Abstract: With China entering the 21st century, the market economy has started to grow rapidly, and the internal accounting information system of enterprises has been improved accordingly. After the reform and opening up, China's socialist market economy has developed rapidly. At the same time, in recent years, China's Internet of Things technology has been well developed and achieved good results. Accounting informatization construction under the condition of Internet of Things needs the attention of the state and society, and also needs the participation of professional talents to ensure the rapid development of Internet of Things technology in China. The development of accounting informatization has been based on the innovation and application of information technology. The Internet of things is the product of the highly developed information technology. The rapid development of the Internet of things will have a profound impact on the development of accounting information. This paper briefly analyzes and explains the development path of accounting informatization under the condition of Internet of things, explains the related concepts of Internet of things, and expounds the importance of Internet of things to the development of accounting informatization.

1. Introduction

The Internet of Things is an important part of a new generation of information technology. It connects any object to the Internet through radio frequency identification (RFID), infrared sensors, global positioning systems, laser scanners and other information sensing equipment according to an agreed protocol. , For information exchange and communication [1]. With the development of society, especially after the reform and opening up, China's socialist market economy has developed rapidly. At the same time, China's Internet of Things technology has been well developed in recent years and has also achieved good results [2]. As a new thing, the Internet of Things has developed rapidly in the past two years and has gradually become the focus of attention at home and abroad. Countries around the world have successively adopted development measures from the height of national strategies. In this context, accounting informatization was born, and accounting information, as an important information resource for enterprises, was combined with information technology based on computer and network communications [3]. The development of modern information technology has provided strong support for the collection, processing, processing, storage and transmission of information. The production speed of information has been greatly improved while the cost has dropped rapidly [4]. As an example of the application of information technology in the accounting field, the development of accounting informatization has always been based on the innovation and application of information technology, which will inevitably be affected by the Internet of Things. Accounting information work, whether it is accounting software or accounting work, will inevitably be affected by the development of the Internet of Things [5]. As an application example of modern information technology in the accounting field, the development of accounting informatization has been closely linked with the

development of information technology, which will be greatly influenced by the Internet of Things, and the development of Internet of Things technology will greatly promote the development of accounting informatization [6]. This paper briefly analyzes and explains the development path of accounting informatization under the condition of Internet of Things, explains the related concepts of Internet of Things, and expounds the importance of Internet of Things to the development of accounting informatization.

2. The Influence of Internet of Things on the Development of Accounting Informatization

2.1. Standardization of Accounting Information

Under the condition of Internet of Things, accounting informatization has basically achieved information standardization, which can effectively control the internal control and cost control of enterprises in the production process of enterprises, and is conducive to the growth of economic benefits of enterprises. The application of computer technology directly promotes the accounting from manual bookkeeping to computerization, and the development of computer follows Moore's Law. The computer with rapid improvement in performance provides strong support for the increasingly rich accounting software. Accounting information system is the carrier and realistic foundation of accounting informatization, and accounting data is the beginning of the operation of accounting information system. Therefore, the importance of data is the key to information system [7]. When every product is produced, the information about the product can be analyzed in detail through the Internet of Things technology, which is more conducive to the further development of the enterprise. In the information age, when a large amount of data is poured into enterprise data warehouse, there are still a large number of enterprises that manually input data, which will lead to the authenticity and accuracy of the input data. Enterprise managers can forecast the market and make capital investment through clear analysis results. This will help enterprises to prepare financial statements, control business risks and optimize business processes. Because of the foundation and universality of Internet of Things technology and its compatibility with many requirements of accounting informatization, it will inevitably become a new driving force for the development of accounting informatization and open up new fields for the development of accounting informatization.

2.2. Promoting the Cooperation of Accounting Information System

Under the condition of the Internet of things, it affects the cooperation of the internal accounting information system of the enterprise, promotes the accounting information system from the inside, makes the work of the internal accounting department of the enterprise more concise, and the communication with other departments is more convenient and smooth. Internet of things technology, like computer technology and Internet technology, is a universal basic application technology, which will inevitably lead to new changes in social work and life, and it has been widely used in many fields such as logistics, transportation, security, smart home and so on. The high development of Internet of things technology connects the whole earth into an intelligent information network. The production and processing speed of accounting information is greatly improved, and the intelligent information management system will reduce the accounting cost rapidly [8]. There will be several systematic control mechanisms and management systems in the information-based enterprises, which will be conducive to the collection of different information. Through the Internet of things technology, can quickly sort out, timely analysis, get the most professional data analysis results, for enterprise managers to consult. Only when the original data generated by each business process is sufficient and complete, including financial information and non-financial information, can we meet the needs of management and decision-making, and truly realize the integration of business and finance.

3. The Development Path of Accounting Informatization under the Condition of Internet of Things

3.1. Promote the Standardization Construction of New Technology

Accounting informationization under the condition of Internet of Things can fundamentally expand accounting vision and improve enterprise understanding. Different enterprises will share some accounting information and realize information sharing, which will be beneficial to the development of accounting industry. Meanwhile, through the analysis of different accounting information, different development opportunities and market decisions can be brought to enterprises. Under the environment of accounting informationization, accounting information is generated by various data generated by economic activities of enterprises by means of modern information technology. The Internet of Things can bring the tangible assets of enterprises into the category of accounting informationization, which is beneficial for enterprises to strengthen the management and utilization of tangible assets. RFID electronic tags with item information are embedded into tangible assets such as materials, products and equipment of enterprises, so that induction devices or handheld reading and writing devices distributed in specific positions of enterprises can automatically identify and input their information into relevant data warehouses. When asset inventory is needed, accountants can quickly determine the location and status of tangible assets through the Internet of Things, which is convenient to check whether the accounts are consistent with the facts and improve work efficiency. If you can't get the latest relevant information from the accounting information system when making decisions, the value of the accounting information system will be greatly reduced and the relevance of accounting information will be greatly reduced.

3.2. Application of Accounting Information Technology to Improve Management Level

All the problems about accounting informatization need to be considered and explained under the condition of Internet of Things, so as to ensure that there are more innovative ideas in the management thought of accounting informatization and ensure that accounting informatization can make continuous progress with the economic development. The Internet of Things can realize the informationization of the production process, facilitate the application and development of advanced cost accounting methods such as activity-based costing, and strengthen process control and cost control. On the whole, the development of the Internet of Things is still in the primary stage, and there are still some characteristics, such as strong professionalism and exclusiveness, low standardization, complex and scattered industrial chain and business model, high threshold and barriers, high cost and so on, which may affect the development of the Internet of Things and hinder the development of accounting informationization [9]. In the Internet of Things environment, every process of producing products can be captured, recorded and transmitted to the data warehouse by specific induction equipment. These data are analyzed and processed by the job analysis software, and the whole production process of the enterprise can be presented to the managers in various forms such as text, graphics, animation, etc., and a number of better choices for job division are provided. Considering from the national point of view, we can see that the development speed of the Internet of Things can directly affect the promotion of China's market economy. Under the condition of Internet of Things, accounting informationization needs the supervision of the state and society, so as to ensure that enterprises can reduce the loss of interests when operating. From the perspective of national strategic development, the government should take the lead and play a leading role, fully coordinate the functions of various departments, build a regulatory coordination platform, strengthen the classification guidance of enterprises, increase scientific research support and capital investment in core technology fields, and promote the application of new technologies in the accounting industry on a pilot basis.

4. Conclusions

Information technology is the basis of accounting informatization, and the innovation and development of information technology is the direct driving force for the development of accounting informatization. Under the condition of Internet of things, the construction of accounting information needs the attention of the state and society, and the participation of professional talents

to ensure the rapid development of Internet of things technology in China. The development of the Internet of things has risen to the national strategy. It can be predicted that the development of the Internet of things in China will occupy a significant position in this information wave. Under the condition of the Internet of things, accounting informatization needs the supervision of the state and society, so as to ensure that enterprises can reduce the loss of profits in their operation. The research of accounting informatization should be forward-looking, pay attention to the opportunities brought by the Internet of things, and make full use of the new characteristics of the Internet of things to promote the development of accounting information. In the era of Internet of things, data source will no longer be a problem. Intelligent accounting information system will reflect and supervise the daily economic and business activities of enterprises in a more accurate and dynamic way. Informatization will truly realize the integration of business and finance. From the perspective of national strategic development, the government should play a leading role, fully coordinate the functions of various departments, build a regulatory coordination platform, strengthen the classified guidance of enterprises, and increase scientific research support and investment in core technology fields.

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