

On the Transition from Financial Accounting to Management Accounting in the Era of Artificial Intelligence

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Abstract: The advent of the era of artificial intelligence has promoted the transition from financial accounting to management accounting, and financial management has thus entered a new stage. Enterprises should improve the accounting work system, promote the optimization of internal functions, strengthen the use of accounting information technology, and strive to create accounting compound talents in order to promote the healthy and long-term development of the enterprise and realize the double improvement of the economic and social benefits of the enterprise. Based on this, this article mainly analyzes the transition from financial accounting to management accounting in the era of artificial intelligence.

1. Introduction

In the era of artificial intelligence, the transformation of financial accounting to management accounting for enterprises is not only an inevitable trend of social and economic development, but also an effective way for enterprises to improve their internal management level. Therefore, companies should start with top-level design, change the traditional way of thinking and strengthen the construction of information systems, and at the same time, establish a sound internal control system, pay attention to the stickiness of business processes and information systems and the way of personnel selection and learning, to transform financial accounting to management accounting for a good environmental foundation and integrated and matched operating mechanism, and promote long-term and healthy development of the enterprise.

2. The Challenge of Artificial Intelligence to Corporate Finance

2.1 Changes in the Content of Financial Accounting Work

Under the background of artificial intelligence, the corresponding financial work content has changed greatly. The staff get rid of the tedious work, so that the work is simplified and the work efficiency is greatly improved. The completion of the work is often achieved through artificial intelligence technology. At this time, the staff are only doing management accounting work, mainly to manage financial operations, risks, and costs, so as to ensure that the economic benefits of the

enterprise are increased, and at the same time, to promote the enterprise to have a good development space.

2.2 Changes in Financial Accounting Structure

In the new era when social civilization is gradually manifesting and the domestic economy is developing rapidly, domestic science and technology have entered the stage of high-frequency optimization and upgrading. Under such a background, the work of corporate financial personnel can no longer fully satisfy the development trend of the enterprise and society. Therefore, all managers of the enterprise should provide suggestions for the development of the enterprise. In this way, the financial accounting will develop towards the trend of management accounting transformation, which further explains the importance of focusing on management accounting in the artificial intelligence environment. Not only that, the entity reliance on corporate financial accounting information will change, which really means that the management system should be more fully updated and upgraded. With the strong support of intelligent technology, the speed of corporate financial work will be significantly enhanced^[1].

2.3 Changes in Financial Accounting Functions

With the development of artificial intelligence, the corresponding main functions of financial accounting have changed to some extent. In the past, financial work was only bookkeeping, registration, and accounting. This mode not only affected the quality of work, but also affected the smooth progress of financial work. At the same time, with the support of AI technology, for corporate finance, market risks can be effectively prevented, and financial services can be effectively managed. In the specific decision-making process, through human-computer interaction, managers can make effective management and decision-making in accordance with financial data.

3. The Necessity of Financial Accounting to Management Accounting

3.1 The Transformation of Financial Accounting to Management Accounting is the Need of Enterprise Development

In recent years, due to the intensification of market competition, the business environment of enterprises has become more complex, and corporate profits have been continuously compressed. In order to develop, enterprises must seek benefits from management and improve management and decision-making capabilities. This requires financial personnel to participate from a financial perspective and provide financial information as support. However, at present, the work of most financial personnel of enterprises still stays in the simple accounting of financial data under the premise of following accounting standards. They can only reflect the financial status and operating results of the enterprise alone, and cannot combine non-financial information related to it. Perform in-depth analysis and research on data to provide support for managers' decision-making. Under the severe situation facing enterprises, the important role of strategic decision-making, financial analysis and risk management played by management accounting in corporate management will surely become an objective need for corporate transformation and development^[2].

3.2. The Transition From Financial Accounting To Management Accounting Is A Requirement For The Development Of Science And Technology Information Technology

With the continuous development of computer technology and network information technology, some simple, repetitive and complicated accounting work are gradually completed by computers. Effectively liberating financial personnel, financial personnel can devote more energy to high value-added work, such as: participating in enterprise forecasting, decision-making and control, supervision and other work. At the same time, it provides useful financial information for the smooth development of these tasks. This change represents the transformation of financial personnel from traditional basic accounting work to participating in management and decision-making work. At the same time, it can provide information for corporate management and decision-making. At the same time, the high-efficiency work of artificial intelligence has strongly impacted traditional financial work, making the transformation of financial personnel more urgent.

4. The Transformation Strategy of Financial Accounting to Management Accounting in the Era of Artificial Intelligence

4.1 Promote Management's in-Depth Understanding of Modern Accounting Management Concepts

The management's in-depth understanding of modern accounting management concepts and the promotion of the construction of management accounting systems in the enterprise are the most powerful support for the transformation of financial personnel to management accounting. Enterprises should promote the construction of budget management, internal control construction, and cost management through the accounting industry. The opportunity of the construction of management accounting system such as information construction conveys the concept of management accounting to the management, so that they understand the difference between management accounting and financial accounting, understand the role of management accounting in enterprise internal management and decision support, and support management accounting in carrying out work in the enterprise, coordinate the cooperation of business departments, help management accounting obtain full-process information, provide auxiliary support to promote the efficiency of management activities in enterprise asset management, budget management, internal control, and performance evaluation, and allow accountants to participate in the management activities before they engage in enterprise, source control can reduce compliance losses and promote the sustainable and steady development of enterprises ^[3].

4.2 Establish an Effective Financial Management System

When an enterprise builds a financial management system, it is necessary to effectively combine management accounting with financial accounting. In the context of economic globalization, management accounting has more advantages and can promote Chinese companies to go international. Therefore, in the current corporate financial management system, it is necessary to pay more attention to management accounting, give full play to its functions, and continue to promote corporate development of. Financial accounting has a long history of development, and companies already have relatively sound rules and systems, and their development is relatively mature. However, management accounting started relatively late in enterprises, and its operation mode is not mature. Therefore, enterprises need to improve their financial management system to adapt to their development. In the process of innovating and improving the corporate financial management system, it is necessary to improve and clarify the relevant systems of management accounting, promote the understanding of financial personnel of their own responsibilities, conduct a thorough analysis of the company's operations, and conduct detailed analysis on the basis of previous financial accounting, analyze internal financial data, departmental cooperation and internal

control work, continuously enhance the scientific nature of the financial management system, and use management accounting to continuously promote corporate development.

4.3 Reorganize Business Processes and Integrate Information Systems

Information system is an important tool guarantee for the transition from financial accounting to management accounting. In the process of information system implementation, many companies use the IT department as the leading role to define business process blueprints, but business and finance are not fully involved, the definition of requirements is not clear and incomplete, and the process is not reorganized. As a result, after the system went online and officially operated, it was discovered that a high cost was spent, but the goal of information system integration and business process standardization was not realized. A lot of work still needs to be carried out according to the previous model. Therefore, in the application of information systems, it is recommended that the business lead the implementation of the information system, and use this opportunity to reorganize and integrate business processes. When formulating the business blueprint, spend more time to involve relevant business department leaders to discuss and prioritize various business requirements, including the formulation of related solutions and the consistent confirmation of the final implementation results, to ensure the effectiveness and function of the information system ^[4].

4.4 Build a Sharing Model to Promote the Integration of Industry and Finance

Enterprises should establish modern accounting information systems based on informatization methods to promote the organic integration of financial and business systems and collaborative management. After the data sharing model is implemented, relevant data required by financial personnel and management personnel can be extracted quickly and accurately, and data can be analyzed scientifically and rationally in multiple dimensions, which provides a good support for management decision-making. After the full application of artificial intelligence technology and management accounting tools to accounting work, it not only improves the accuracy of data, but also improves work efficiency, laying a foundation for the ultimate realization of enterprise value.

4.5 Improve the Professional Quality of Financial Personnel and Strive to Create Compound Accounting Talents

In the era of artificial intelligence, companies should cultivate compound talents who can perform traditional financial accounting and deeply explore the value of financial data. Financial personnel should change their accounting perspective, actively change management concepts, continuously learn professional knowledge, improve professional skills, be good at analyzing businesses closely related to corporate development, and organically link corporate financial budget, financing, investment and other data analysis with corporate development strategies. Financial personnel should continuously improve their management level, strive to transform to management accounting, and continuously improve their ability to judge, find and analyze problems, and ultimately create value for the enterprise.

5. Discussion

The wide application of artificial intelligence in many fields has created conditions and provided technical support for the transformation of corporate financial accounting to management accounting. However, many problems have been encountered in the process of transition from financial accounting to management accounting. In response to the practical problems in the

transition, the article proposes that business managers should combine the actual situation of the enterprise and effectively use artificial intelligence technology to strengthen the communication between financial department and business department, the construction of a management accounting team, and the improvement of the overall quality of financial personnel, hope that it will be helpful to the management and development of the enterprise.

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