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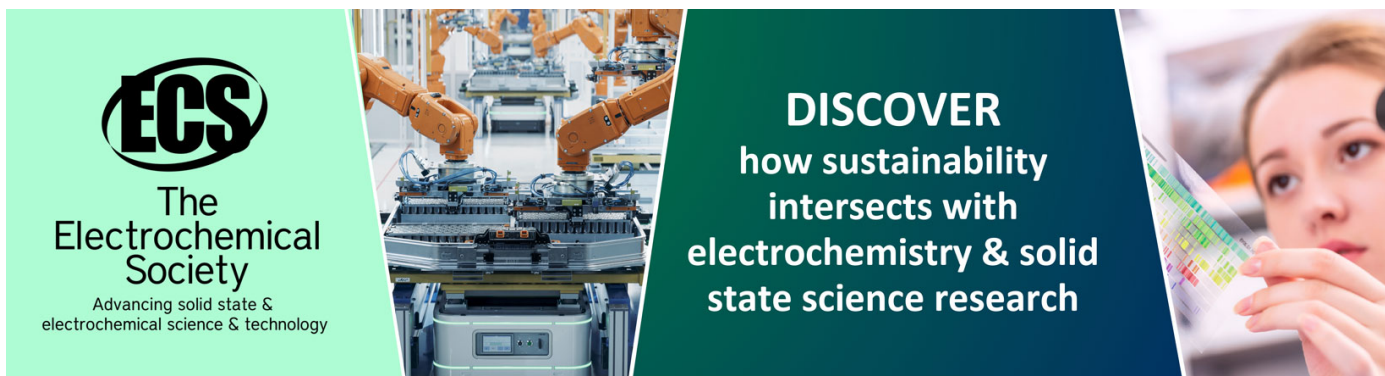
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Computer Finance Management System Innovation Thinking

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Abstract: With the rapid development of science and information technology, computer financial management has attracted the attention of enterprises. Computerization of enterprises refers to the use of computers to complete financial calculations, which can effectively reflect the operating conditions of enterprises. The socialist market economy system is gradually improving, and the scale of enterprises and market share are constantly increasing. Actively innovating computer financial management systems to gradually improve the efficiency of corporate computer financial management. Computer information technology plays a very important role in enterprise management, especially after the application of financial management system, computer financial management has a crucial impact on the operation and development of enterprises. This article is mainly aimed at the innovative thinking of computer financial management system, and puts forward opinions and suggestions based on the actual situation.

1. Introduction

The advent of the information age has made the application field of computers constantly expand. The development of the market economy has put forward higher requirements for enterprises, and financial management has also continued to develop in terms of depth and breadth. The amount of data in modern enterprises is constantly increasing, which puts forward higher requirements for the development and application of computer software. The use of electronic computers to complete the financial management work has realized the efficient integration of financial management and advanced computer technology. Computer financial management system is currently the most advanced financial management tool, and at the same time, it is an important guarantee for improving the efficiency of corporate financial management. Innovative computer financial management system can effectively improve the effectiveness of corporate financial management. Build a complete computer financial management system based on the actual situation to ensure the smooth production and operation of the enterprise. The economic benefits of the company have improved, laying a solid foundation for the sustainable development of the company.

2. Computer Financial Management System

2.1 Meaning of Computer Financial Management System

The computer financial management system is a branch system of electronic data processing, which



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can timely summarize and organize the financial information inside the enterprise. To better meet the needs of corporate financial management, to achieve functions such as retrieval, extraction, inspection, and analysis. The computer financial system can be subdivided into two subsystems, including a business processing system and a data processing system. Finance personnel can rely on business needs to grasp the corresponding data, so as to lay the foundation for subsequent work. The computer financial system is mainly for the collection, processing, and output of information, and at the same time, the source and format of the information are classified and managed. Computer financial management system is a professional system of enterprise financial information data, and its functions can be summarized simply as follows: ①Collection function of financial information, this module is mainly for the collection of information on capital flow of business activities. ②The storage function of financial information is mainly to store the information of the company's business activities, and to create good conditions for subsequent information extraction and analysis.③The processing function of financial information, to realize the processing and processing of financial information, thereby ensuring the accuracy and timeliness of financial information. ④ Financial information transmission function, timely classification and retrieval of the company's financial information, so that users can timely grasp the financial information data in accordance with their own needs.

2.2 Computer Financial Management System Importance Analysis

With the rapid development of the domestic market economy, the economic level of enterprises has been effectively improved. With the gradual improvement of the market economy system, competition among enterprises is becoming increasingly fierce. In order to maintain their core competitiveness, enterprises must actively use information computer technology. The use of more advanced computer technology in the operation of the enterprise promotes the rapid development of the market economy. From the perspective of enterprise development, the financial system is critical and will directly affect the economic benefits of the enterprise. The application of computer financial management system is an important symbol of the modernization of enterprises. The financial system of an enterprise is very complicated and will involve the management of each department. We must ensure the accuracy of financial information and lay a solid foundation for subsequent work. The large-scale construction of the enterprise computer financial management system is imperative and has become an important way for enterprise development.

2.3 Feasibility Analysis of Computer Financial Management System

With the gradual improvement of modern concepts, people's living standards have been continuously improved. People don't use funds blindly, they must ensure that every fund can get a generous return. The gradual improvement of people's ideas has enabled people to better plan and use funds and ensure the clarity of capital flows. The establishment of the concept of financial management is of paramount importance, and personnel must rationally control every fund. Ensure that the investment of funds can obtain more benefits, so as to better meet the computer financial management goals and gradually improve the corporate financial system.

The advent of the network age has enabled enterprise resources to be shared. The openness of information systems and the optimized allocation of resources have a huge impact on the development of enterprises. Enterprises use the interactive function of the network to achieve a reasonable allocation of resources and avoid waste of resources. The computer financial management system provides corresponding information to the enterprise, which shows that the construction of the financial system is feasible. The analysis is combined with the feasibility of the financial system, which provides favorable support for the innovation of the information system of the enterprise and further improves the work efficiency of the enterprise.

2.4 Computer Financial Management System Building Foundation

The first is that there is a difference in the information needs of various departments of the enterprise, so in the financial system management stage, it is necessary to collect and organize information in a

timely manner. Taking information requirements as basic requirements, it provides data support for subsequent financial management system construction. Secondly, we must pay attention to the amount of information and the information collection process. Simple collection is not enough. To clarify the size and process of information, the efficiency of effective information analysis. Manage the whereabouts of information efficiently, and complete information upload and output operations in a timely manner. Finally, it is necessary to master computer application technology in quantity, adopt different operation forms for different information, and accurately build a management system. To ensure the ease of information processing, promote the rapid transmission of information, and prepare for the development of financial management.

3. Analysis of the Status of Financial Management

Traditional financial management relies on the statistics and collation of financial data of artificial outer cities, and manual operations cannot meet the various needs of financial management. Manual financial management is prone to errors, which does not meet the accuracy requirements of financial management. At present, financial management is actively applying computer information technology as a support, but many problems have been encountered in the actual implementation process. Financial managers' awareness of computer financial accounting is at the initial stage, and their work efficiency and quality cannot be guaranteed.

3.1 Fund Management is Chaotic, Management out of Control Happens from Time to Time

Controlling the operating costs of an enterprise is of great value to its development. At present, the management of corporate funds is very chaotic. There is a huge contradiction between the need for centralized management and the dispersion of internal multi-level corporate funds. Especially for group companies with many subsidiaries, the phenomenon of account opening by subsidiaries is more common, which makes the management of corporate funds more difficult. Enterprises are very arbitrary in investment decision-making and cannot be analyzed in light of their own development status. There are many investment mistakes and the economic losses caused are very obvious. The increasing operating pressure of enterprises has a huge impact on overall financial management.

3.2 Information is not Delivered in a Timely Manner, Corporate Decisions are Unreasonable

Modern enterprise management has very high requirements for information, and enterprises must grasp accurate and truthful information in a timely manner. We need to efficiently control the capital flow of the enterprise, so as to provide strong support for subsequent decisions. At present, corporate finance and information are not transparent, and department management is affected by various objective factors. Consolidating the accounting statements will cover up the actual operating conditions, and will have a huge impact on the company's decisions, resulting in huge economic losses.

3.3 Insufficient Monitoring of Funds

The company has established an internal control management mechanism, but it lacks measures to grasp the overall situation of the company's funds, which has hindered the exertion of supervision functions. There has been a serious disconnect between the flow of funds and controls, and financial supervision has been superficial.

4. Computer Financial Management System Innovation Strategy

The use of computer financial management meets the development needs of enterprises. With the rapid development of computer technology and Internet technology, it has effectively promoted the scale construction of enterprises. With the rapid development of the Internet and information technology, it has made more contributions to the healthy development of enterprises. The number and scale of group companies have been increasing, which has promoted social and economic development. The emergence of computer management has effectively avoided the financial

management content of multinational enterprises. Information technology has gradually improved, and higher requirements have been placed on computer financial management. The use of computers has become the core content of financial management, and financial management has also shown essential changes. The use of computer management measures to collect, store, analyze, and transmit data information has put forward more requirements for the modernization of financial management. The computer financial management system is the basic content of the development of the information age, and also an important symbol of the modernization of corporate financial management. More people recognize the role of information technology and computer financial management in promoting businesses. Financial personnel must not only have theoretical knowledge of financial management, but also can use computer management software in a quantity. Analyze the changing market economic environment of the enterprise to build a more comprehensive analysis and decision-making model. Financial management personnel make full use of internal and external information of the enterprise, gradually improve the level of financial management, and lay a solid foundation for the improvement of economic efficiency of the enterprise.

4.1 Drive Innovation in System Business Management Processes

The core of the system business management process innovation of the enterprise is to expand the information flow process of the computer financial management system. Clarify the mission objectives and content of the computer financial management system, and directly display the source, processing process and flow of financial information. Help financial managers to grasp the specific content of financial information, so as to prepare more intuitive financial statements. Lay a solid foundation for the company's economic decision-making, and constantly innovate system business management processes. ① The compilation of the summary table requires the financial management personnel to use the original financial documents to prepare the summary table of the documents to prepare for the subsequent work. ② Compilation of relevant vouchers. The financial staff forms payment vouchers and transfer vouchers according to the summary table to provide support for corporate decision-making. ③ Registration of the journal, complete the journal by receipt and payment vouchers and transfer vouchers, and record the details of business management. On the other hand, enterprises must focus on strengthening their financial management efforts, make full use of information technology to prepare various financial statements, provide accurate reference information for financial management, assist corporate organizations to make correct financial decisions, and scientifically control financial activities and the flow of financial funds, thereby comprehensively improving the effectiveness of financial management. Generally speaking, corporate financial statements mainly include balance sheets, income statements and cash flow statements. Among them, the balance sheet is mainly used to reflect the financial operating status of the enterprise on a specific date. It can list all the economic resources, current obligations that the enterprise must bear, and the net assets of the enterprise owner requirements at a specific point in time. Table 1 is a company's balance sheet.

Table 1 a Company's Balance Sheet

Project	Ending Balance (yuan)	Opening Balance (yuan)
Current Assets	0	0
Money Funds	59714402.77	99221242.33
Transactional Financial Assets	0	0
Bill Receivable	11736574.90	8908915.55
Accounts Receivable	41356181.53	20985405.64
Prepayments	75308018.32	31983477.55

From the data in Table 1, it can be seen that although the company has a lot of debts, it will not fall into a financial crisis because the company is highly liquid.

The income statement is a kind of dynamic financial statement, which can directly examine the scale and income of the company's operations, reflect the company's business performance, financial management level and financial risk resistance, and the debt finance staff analyzes the reasons for the formation of the company's profit and loss and makes reasonable business decisions. A cash flow statement is a statement that reflects a company's cash and cash equivalents and outflows during a specific period. This financial statement can provide information about the company's cash flow and provide a reference basis for the company's financial capital management. Corporate financial personnel should pay attention to the preparation of a complete cash flow statement, comprehensively monitor the movement of funds, and use this as a basis to do a good job of fund allocation management.

4.2 Design Innovation of Computer Financial Management System

Combined with the computer financial system, the overall design should be analyzed in accordance with user needs to provide targeted services for enterprise managers. Computer financial management system can promote the accuracy of financial management and provide strong support for the sustainable development of enterprises. Secondly, we should expand the financial accounting functions in conjunction with the development of information technology, strive to promote the informationization of financial budget management, and use network communication information technology to process and process financial budget management resources in order to obtain financial information resources. At the same time, enterprise organizations should pay attention to promoting the integration of financial and management accounting informatization to achieve information sharing and improve financial budget management efficiency. Third, the enterprise organization must design the financial budget subsystem, fund management subsystem, cost accounting subsystem, financial information monitoring subsystem, financial analysis subsystem, and accounting subsystem in layers to achieve compatibility between all subsystems. At the same time build a unified management system platform can be used to comprehensively innovate financial management systems, optimize system functions, and improve financial system management effects.

5. Computer Financial Management System Innovation

Gradually improve the quality of corporate financial management and achieve the purpose of improving financial management efficiency. The computer financial management system is adopted to analyze the daily business activities of the enterprise. Ensure that the flow of financial information can be quickly entered into the financial management system, and financial management personnel can compile summary tables based on relevant levels. Not only completed the basic work of financial management, but also provided important support for the subsequent work. At the same time, corporate financial management is a unified management platform, which requires better standardization and reliability to improve corporate financial management. Issues such as format errors and calculation errors at the level of financial accounting are discovered in time, and the accuracy and effectiveness of financial accounting data are gradually improved, thereby providing strong support for daily decision-making of enterprises.

Gradually improve the level of corporate fund management and gradually strengthen the quality of corporate internal control. The normal operation of an enterprise has an important connection with the efficient circulation of internal funds. The use of a computer financial management system improves the efficiency of internal management of the enterprise. Avoid the situation of internal capital flow, and ensure the smooth development of business activities. Evaluate the computer financial management system, scientifically evaluate the company's capital operation capacity and operating conditions, and ensure that the company formulates a scientific and reasonable economic management strategy. The use of computer financial management system to ensure that all departments within the enterprise can complete relevant operations in accordance with the module. Enterprises should formulate a unified internal control system to give full play to the constraint value of computer financial management. Gradually reduce the operating costs of the enterprise, further increase the sales

and marketing profits of the enterprise, and add new impetus to the long-term development of the enterprise.

The computer financial management system has the characteristics of powerful functions and easy learning. The computer can process multiple accounts at the same time and has the ability to automatically post and transfer money. The computer financial management system reduces the difficulty of work, coupled with the humanized design of the computer software, effectively reducing the financial staff's work pressure. The computer financial management system is safe and reliable. Software is written by professional personnel, which can be guaranteed at the security level. Computer finance has protection functions such as use rights and operation passwords, which effectively guarantees the security of corporate data. The transfer of accounting information is more timely, and the computer financial management system can be used for timely tracking. Keep abreast of the company's operating information at all times to better avoid decision-making risks. To achieve network and information construction, you can complete financial accounting, budgeting, and analysis through software platforms, effectively improving the efficiency of financial management.

6. Conclusion

In summary, computer financial management system innovation is very necessary. We need to analyze the importance and necessity of computer financial management system, and provide theoretical support for the subsequent work. Based on the current situation of financial management, the application direction of computer financial management system is clear. This paper mainly discusses the role of computer financial management system innovation, and lay a solid foundation for the improvement of corporate economic benefits.

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References:

- [1] Xiao Ping. Research on the Construction of Computer Financial Management System [J].Computer CD-ROM Software and Application, 2017 (09).
- [2] Song Donghuan, Pan Xiangshun. Analysis and research on the construction of computer financial management system [J] .Electronic Production, 2018 (13).
- [3] Wen Xueqin. Construction and maintenance of computer financial management system [J].China New Technology and Products, 2017 (18).
- [4] Lin Liye. Application of computer technology in financial management [J].Journal of Gansu Lianhe University (Natural Science Edition), 2017 (06).
- [5] Wang Ji. ERP-based financial management system construction and evaluation of power enterprises [D].North China Electric Power University, 2018 (45).
- [6] Yin Xiaohui. Application of computer network technology in enterprise financial management [J].China Business Circle (second half), 2017 (09).