



# Research on Computer Information Construction of Enterprise Financial Management

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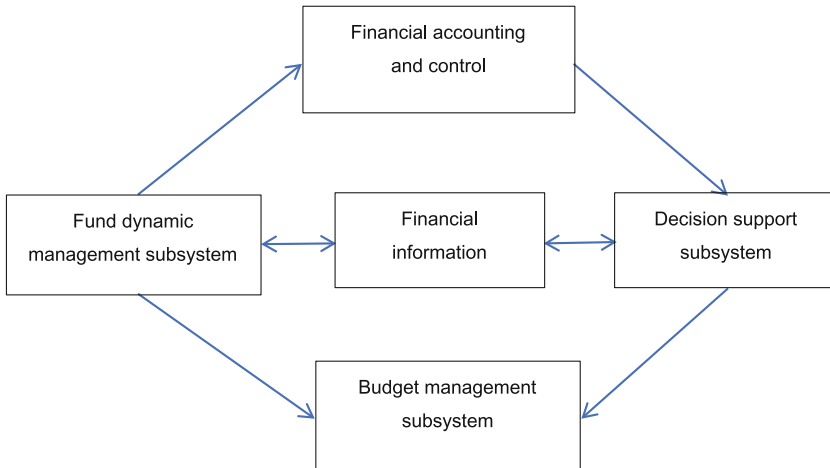
**Abstract.** With the advent of the knowledge age and the increasing competition environment of enterprises in the world, rapid judgment, decision-making ability, sensitive business sense of smell and market response speed are the important cornerstones for the survival and development of enterprises. Financial management informatization is an innovative and modern tool for financial management. It has data dependence and functional independence between it and accounting informatization, and is in the position of control and decision support in the whole enterprise informatization. IT environment, the environment of financial management information system has changed dramatically, the traditional accounting theory is facing severe challenges, and the disadvantages of traditional information system have begun to emerge. Therefore, it is of positive practical significance to study the related theoretical and practical problems of computer information construction in financial management, whether it is the development and innovation of enterprise information work or the improvement of enterprise's own competitiveness.

**Keywords:** Financial Management Information · IT · Fund Management

## 1 Introduction

Modern information technology is the basis of enterprise financial management information.

Financial management information refers to financial personnel through the use of modern technology for enterprise process reengineering, to establish a suitable financial organization model, mobilize the information potential of financial human resources, develop enterprise financial information resources, improve the efficiency of financial activities. To better organize enterprise financial activities, deal with financial relations, so as to achieve the financial objectives of maximizing the interests of enterprise stakeholders [3]. As enterprises use computer systems to build a good IT environment, information can be acquired, stored, processed and transmitted dynamically in real time. The enterprise information management system in IT environment is shown in Fig. 1. It connects various functions, departments, projects and a series of processes within the enterprise, between the enterprise and the supplier, between the enterprise and the



**Fig. 1.** The enterprise information management system in IT environment.

customer, between the enterprise and other companies. This not only improves the information exchange and understanding among the members of the organization, but also improves the efficiency of the operation of the enterprise, so that managers can control the production and management activities in real time, dynamically and efficiently.

## 2 Related Theory of Enterprise Financial Management Information System

As a relatively macro concept, financial management informatization is an important part of enterprise informatization.

From another point of view, enterprise informatization is the soil of the development of financial management informatization, which plays an important guiding role and effective support for the development of financial management informatization. The healthy development of financial management informatization is closely related to the development level of enterprise informatization. Without good data support of enterprise informatization, financial and business integration of enterprise informatization, and network supervision and control of enterprise informatization, the efficiency of financial management informatization will be greatly weakened [4]. In the traditional financial management information system, the process of information processing and generation mainly includes three links: data acquisition, data processing and information generation and reporting. All three links are mastered in the information supplier, and the information user can only passively accept the information. At the same time, the data processing rules are solidified in the data processing process [5]. Data can only be processed and processed according to fixed information processing rules and fixed procedures. Therefore, the modern computer information management requires the new accounting information system to redesign the accounting business process, reconsider the agency relationship of the relevant stakeholders, and realize the redistribution of

the authority of the information processing link. The authority of data processing and information reporting is handed over to information users.

### 3 The Theory of Financial Management Informatization

#### 3.1 Increased Demand for Financial Management Information

The demand for financial management informatization is becoming more and more prominent. It is not the ultimate goal of enterprise informatization construction to save human capital investment and improve efficiency.

However, financial data is the core resource of the enterprise, doing a good job of financial management is the basis and guarantee of all other decisions, the enterprise financial management integrated, integrated and unified information system, to achieve mutual convergence, data sharing, good function is the increasing demand. In the comprehensive management information system, each subsystem operates according to its own unique rules, completes its own tasks and needs, and at the same time, it should provide other subsystems. In particular, the accounting information system to provide financial management of the economic and business data. Therefore, the financial management information work is very important, related to the success or failure of enterprise information construction. Table 1 shows the relevant data on the financial management software requirements of some enterprises.

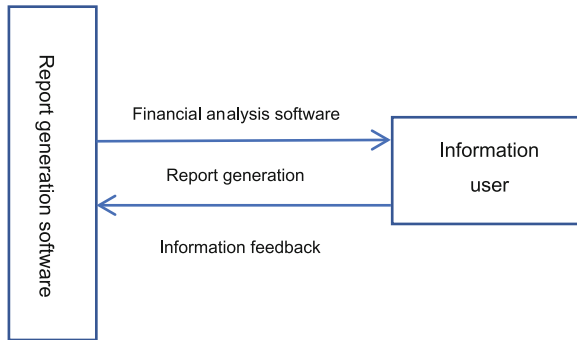
#### 3.2 Financial Management Information System

In the era of e-commerce, the financial management system can not only concentrate a large amount of data, store it scientifically and orderly, but also use database, data warehouse and other system technologies to classify, sort, reorganize, analyze, query, and transfer flexibly to meet the management needs.

From the specific content of financial management, some problems in financial management belong to structured problems. They have a fixed processing mode and a certain degree of standardization. We set up a financial management information system to solve the problem. In the era of e-commerce, the financial management system can not only concentrate a large amount of data, store it scientifically and orderly, but also use database, data warehouse and other system technologies to classify, sort, reorganize, analyze, query, and transfer flexibly to meet the management needs. At the same time, in order to effectively support the implementation of prediction, decision-making and analysis, various data need to be analyzed and observed [1]. Financial management information system is a new type of man-machine financial management system. It takes modern computer technology and information processing technology as the means and

**Table 1.** Data on financial management software requirements for selected enterprises.

Type	E-commerce	Management accounting	Financial accounting	CRM	PLM
Percentage	18.4	55.6	84.2	42.4	10.6



**Fig. 2.** Financial information systems in the IT environment.

the model provided by financial management as the basic method. Based on the data provided by accounting information system and other enterprise management system, the structural problems of enterprise financial management are dealt with automatically or semi-automatically in real time. The main goal of financial management information system is to summarize what happened and lead people to existing problems and opportunities.

### 3.3 Necessity of Computer Informatization for Enterprise Financial Management

The pace of information is with its unprecedented penetration into every corner of social life.

Financial informatization is of great significance to enhance the overall competitiveness and development strategy of enterprises. Financial informatization is the basis of information sharing and information integration, and it is a powerful means to strengthen financial centralized supervision. It provides support for enterprise leaders to grasp the business situation in time, realize the financial supervision combined with prior planning, in-process control and post-supervision, and provide tools to solve some major problems in current financial work. Financial information construction is a necessary means to improve the level of financial management and promote the modernization of financial management. IT environment for the enterprise financial management information system process as shown in Fig. 2. From the macro point of view, informatization is the only way for China to realize leapfrog development under the condition of global economic integration, and from the micro point of view, informatization is also an excellent opportunity for Chinese enterprises to realize management reform and enhance their own competitiveness [2].

## 4 Comprehensive Budget System in Financial Management Informatization

The formulation of the overall budget system refers to the budget department to formulate which plans the enterprise should depreciate, as well as the content of these plans, the relationship between the plans, and so on. The overall budget system is shown in Fig. 2.

The development ideas of enterprises in the overall budget system are: based on modern information technology, guided by the idea of business process reconfiguration, through the integration of modern financial management and information technology, in order to realize the information of financial management, the network financial system with comprehensive budget management and dynamic control of funds is established. At present, several common budget systems are: sales starting point, production starting point, special starting point and so on. In the IT environment, enterprises should not only establish a comprehensive budget system according to their own management needs, but also consider how to build a network platform and obtain data in real time according to the budget system [6]. Consider the excuse of subsystem and budget management system in budget system, and design interface model. If the budget content and scope of different enterprises are different in different periods, the budget interface model is different.

## 5 Summary

With the wide application of computer and network information technology in finance, people's research on financial management information is more and more in-depth, and the role of financial management information system in group financial management is becoming more and more important.

Application status of financial management informatization": first, the application of financial management informatization in group enterprises is mostly in the stage of building a unified platform, that is, the stage of solid foundation; secondly, the information support of financial management mainly depends on one-way consolidated statement system and does not realize further mining of information decision value; thirdly, the implementation of comprehensive budget management information system focuses on manpower and time saving in budget preparation, while the problems of budget control and analysis are not well solved; fourthly, the system lacks a unified information mining and management platform, which makes the information overload phenomenon frequent. In order to meet the increasing management needs, it is necessary to use the powerful data processing function and high speed and accurate processing efficiency of network computing technology, adopt the mainstream development and operation platform of Internet application system, provide functions such as remote report form, remote checking account, online payment, online financial information inquiry, support online inquiry, online purchasing, online service, online banking, etc., and realize the diversification of information system exchange in order to improve the timeliness of information and meet the pertinence of different demand objects.

To sum up, enterprise informatization is the soil of the development of financial management informatization, which plays an important guiding role and effective support for the development of financial management informatization. The healthy development of financial management informatization is closely related to the development level of enterprise informatization. Without good data support of enterprise informatization [2], financial and business integration of enterprise informatization, and network supervision and control of enterprise informatization, the efficiency of financial management informatization will be greatly weakened. At the same time, three conclusions

can be obtained for the computer information construction of enterprise financial management:(1) although there are various problems in the process of network finance, there is no doubt that network finance is the inevitable trend of the development of network economy and the concrete operation mode of enterprise financial management informatization. (2) Enterprises should establish overall information planning as soon as possible. As long as there is the idea of relying on information construction and development in the company strategy, the overall planning of enterprise informatization should be established as soon as possible. The future information system construction should be carried out under the guidance of this plan [5, 6]. With planning, the information construction of enterprises can be implemented step by step according to the company's financial resources and development. (3) Enterprises should set up the development idea of financial management informatization: that is, based on modern information technology, guided by the idea of business process reconfiguration, through the integration of modern financial management and information technology, and through the integration of modern financial management and information technology, Establish a comprehensive budget management and dynamic control of funds, achieve financial and business coordination, provide enterprise-level decision-making information network financial system informatization.

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