

An Impact Study of Computer Application Technology on Enterprise Informationization

Yang Di

Electronic Information Products Supervision Inspection Institute of Jilin Province, Changchun, Jilin 130021, China

Abstract: The development of information technology has made computer network widely used in various fields in the society. Computer network has made an important impact on social production and people's life. However, the security vulnerabilities of computer network have seriously threatened the security of computer network and even become timed bombs for the society. In this paper, the author mainly studies the impact of computer application technology on enterprise informationization.

Key words: Computer technology; Informationization; Impact

Published online: 30th Nov 2017

1 Significance of Computer Application in the New Period

In the information era, people have strengthened the efforts to develop the hardware and software of computers, but the instability of the hardware and software, an important factor which can affect the performance of computers, has made significant effects on people's life, as well as their work. For example, in a broadcasting station, computers are always used to control the programs, so good maintenance and management of the computers is needed to ensure their work efficiency and service life, to avoid the black screen, restarting or failing to start, caused by the system failure or hardware and software failures, so as to prevent broadcast accidents which can make impacts on the development of radio and television broadcasting. In addition, a large amount of data information, including pictures, audio and videos, files and other data, produced

in people's daily lives, are very vulnerable to virus invasion, without timely maintenance, which will result in information disclosure, bringing serious losses to enterprises or individuals. Data leakage or damage caused by system failure will make the loss more serious.

2 Introduction of Informationization in Enterprise Management

Informationization means using information technology to integrate different kinds of information, and process them into the information resources to meet the needs of the enterprises in their development paths. Informationization in enterprise management refers to using information technology to promote production. In the information era, informationization in enterprise management has become an inevitable trend of development. With the method of informatization, enterprise managers can make decisions on development, optimize management processes, and then enhance the competitiveness and promote the long-term development of their enterprises based on data and information. Computer application technology, serving as the technical support on enterprise informationization development, can improve the traditional mode of enterprises operation, enhance the management and operational efficiency, as well as optimize the allocation of resources within the enterprise, and reduce the production costs to achieve a healthy development of the enterprises.

3 Impact of Computer Application Technology on

Enterprise Informationization

3.1 Making the Information More Timely and Accurate

It is convenient for information accessing and collating, by using computer application technology in enterprise informationization, so that enterprises can obtain the appropriate internal information, financial information, employee information, as well as market information in a relatively short period of time. But in the traditional mode of development, all the information is preserved in paper files, which are likely to make mistakes for manual operation. What's worse, it takes much long time and a lot of manpower when invoking the information. Fortunately, computer application technology can make the invoking procedure easier by reducing the time and efforts. At the same time, using computer application technology to save the files can reduce errors prone to manual operation, so as to improve the accuracy of the preserved information.

3.2 Improving Work Efficiency

At the present stage, information accumulation and cluttering caused by not timely or reasonably dealing with the relevant information in the process of development are not conducive to the work of office workers and management of the managers, indirectly affecting the overall operation of the enterprises. By using computer technology, companies can effectively organize the information obtained, and manage the information. Computer technology can digitalize the paper files information, so that office workers can understand the information at a glance, while it can also simplify the workflow, not only improving the work efficiency, but also saving the manpower costs, reducing the capital investment, improving the profit margins, to ensure the economic benefits of the enterprises.

3.3 Optimizing the Management and Workflow

Good management is a prerequisite for healthy development in enterprises. Enterprise management in the traditional way totally depends on human beings, who are needed in all the work process. Especially, in the large,

well-organized enterprises, management flaws are easily to be made because managers can hardly refine to every aspect and department when one thing needs to be handled by staff in different departments, since there are many departments with lots of staff. It takes massive time and efforts for the staff to follow the complex workflows rather than do the concrete jobs. Computer application technology can simplify the workflow, so that managers can refine their management to every department and every step, which greatly optimizes the management and workflow of the enterprises.

3.4 Enhancing the Overall Strength

The competition between enterprises in the market is the competition of their overall strength, while the overall strength covers a wide range of areas, including operating income, assets, corporate culture, market share, technical level and informationization extent. Using computer technology in enterprise management informationization can promote information flow, to realize information sharing and exchange, which can strengthen the links of the employees, improving their awareness of cooperation, to reinforce the internal cohesion, thereby to enhance the overall strength of the enterprises. In addition, computer application technology can improve the utilization efficiency of the information and maximize the economic benefits of the enterprises.

4 Conclusion

At present, enterprises become increasingly dependent on computers. Most enterprises are starting to use computer application technology to realize their informationization management, so as to conform to the market requirements, to enhance their competitiveness, ensuring that they will not be eliminated by the market. Enterprise managers should master some computer technologies, to reasonably analyze the impact of computer technology on enterprises informationization, and then apply computer technologies to the informationization management, to realize high efficiency of the production, and further promote the rapid

development of the enterprises.

References

- [1] Zuo Jihuai. An Impact Study of Computer Application Technology on State - owned Enterprises Informationization [J]. PC Fan, 2017, (09):110-111.
- [2] Tao Li. An Impact Study of Computer Application Technology on Enterprises Informationization Management [J]. Internal Combustion Engine & Parts, 2017, (17):102-104.
- [3] Chen Yu. Influence of Computer Application Technology on Enterprise Informationization [J]. Telecom World, 2017, (17):18-19.
- [4] Hong Qing. Effects of Computer Application Technology Teaching on Enterprise Informationization [J]. Education Modernization, 2017, (37):217-218.
- [5] Guan Jian. A Research Study of the Effects of Computer Application Technology on Enterprise Informationization [J]. Knowledge and Technology, 2017, 13(24):238-239+246.
- [6] Wang Yifei. An Analysis of the Effects of Computer Application Technology on Enterprise Informationization [J]. China Computer & Communication (Theoretical Edition), 2017, (16):82-83.
- [7] Meng Xiangfei. Influence of Computer Application Technology on Enterprise Informationization [J/OL]. Electronic Technology & Software Engineering, 2017, (15):162(2017-08-03).
- [8] Meng Xiangfei. Influence of Computer Application Technology on Enterprise Informationization [J]. Electronic Technology & Software Engineering, 2017, (15):162.
- [9] Zhuang Edou. An Analysis of the Effects of Computer Application Technology on Enterprise Informationization [J]. Electronics World, 2017, (14):54+56.