

BUSINESS SYSTEM APPLICATION IN SERBIAN WOOD INDUSTRY - IMPLEMENTATION MODELS ANALYSIS

Authors

Miljan Kalem, Danica Lečić-Cvetković, Aleksandra Lazarević, Branko Glavonjić, Milanka Điporović-
Momčilović

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- Introduction;
- Aim and methodology;
- Research results;
- Conclusion;

INTRODUCTION

- Success of company management and production as a key process in production companies is based on quality information, their collection, transmission, processing and making management decisions according to them;
- Lack of quality information disables company management to analyze previously made management decisions and executed business operations, which affects the quality of the new decisions, efficiency and profitability of the company's business;
- Companies that have integrated processes, in which all the information is collected, processed and transmitted between different services in real time, can provide highly efficient production and profitable business;

AIM AND METHODOLOGY

- The subject of research in this paper are business information systems and their application in the companies of the wood industry of Serbia;
- The main goal of this paper is to determine the main reasons why companies that use business information systems in their operations have decided to implement them and which software is most frequently used;
- The main purpose of this paper is to point out to the importance of business information systems and help in the process of their implementation;
- In order to conduct the research for the purpose of this paper, the technique of primary research in two phases was used;

RESEARCH RESULTS

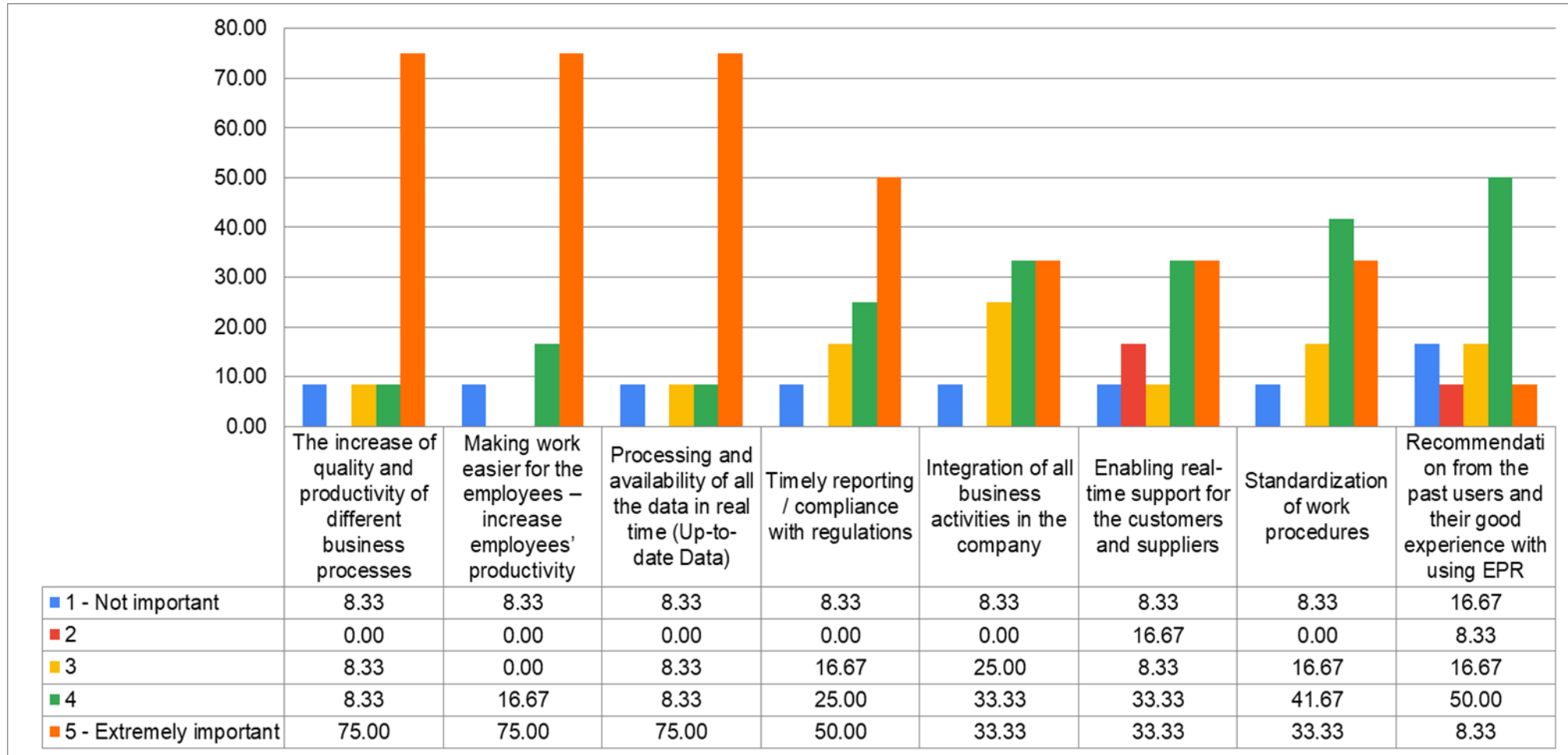


Figure 1. The reasons for applying business information systems in operations

RESEARCH RESULTS

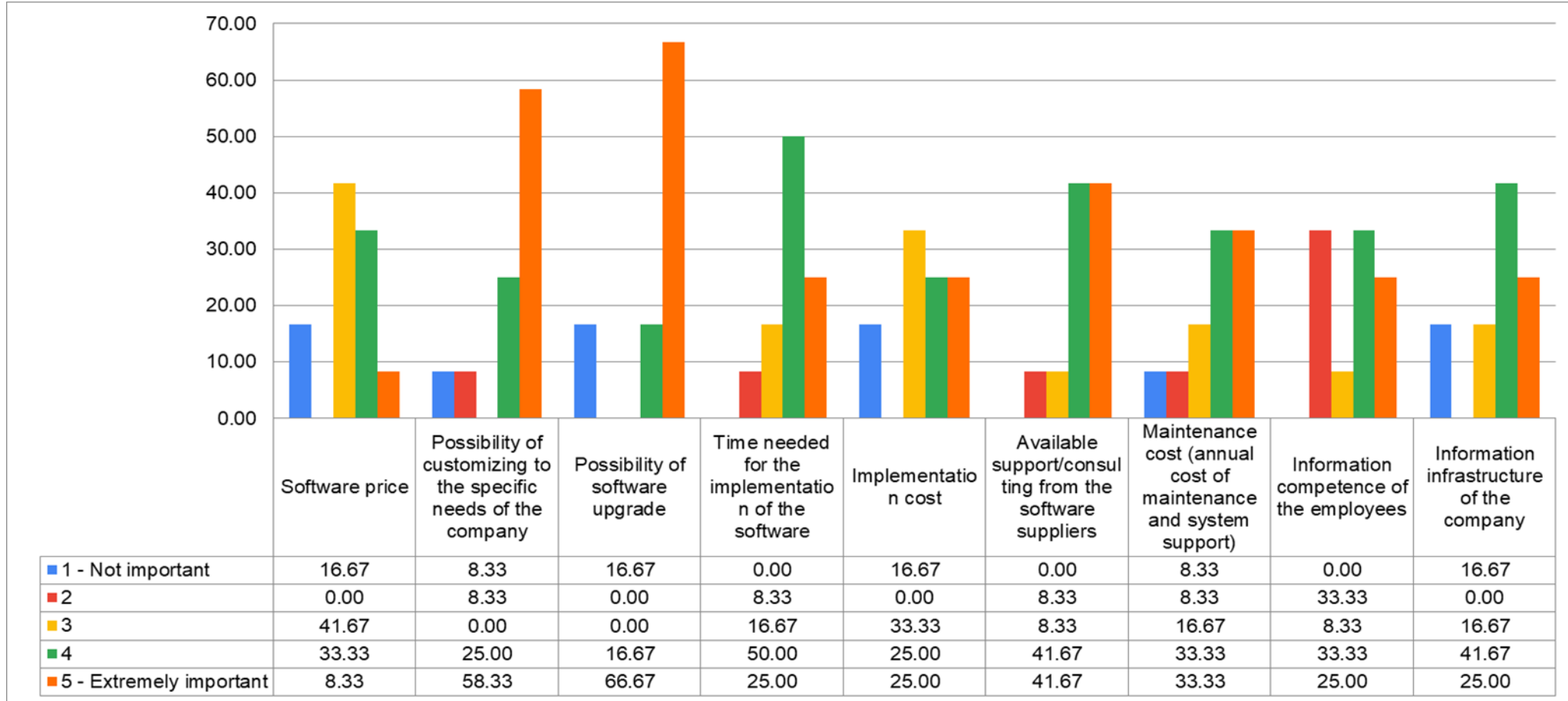


Figure 2. Basic criteria for choosing the appropriate business information system

RESEARCH RESULTS

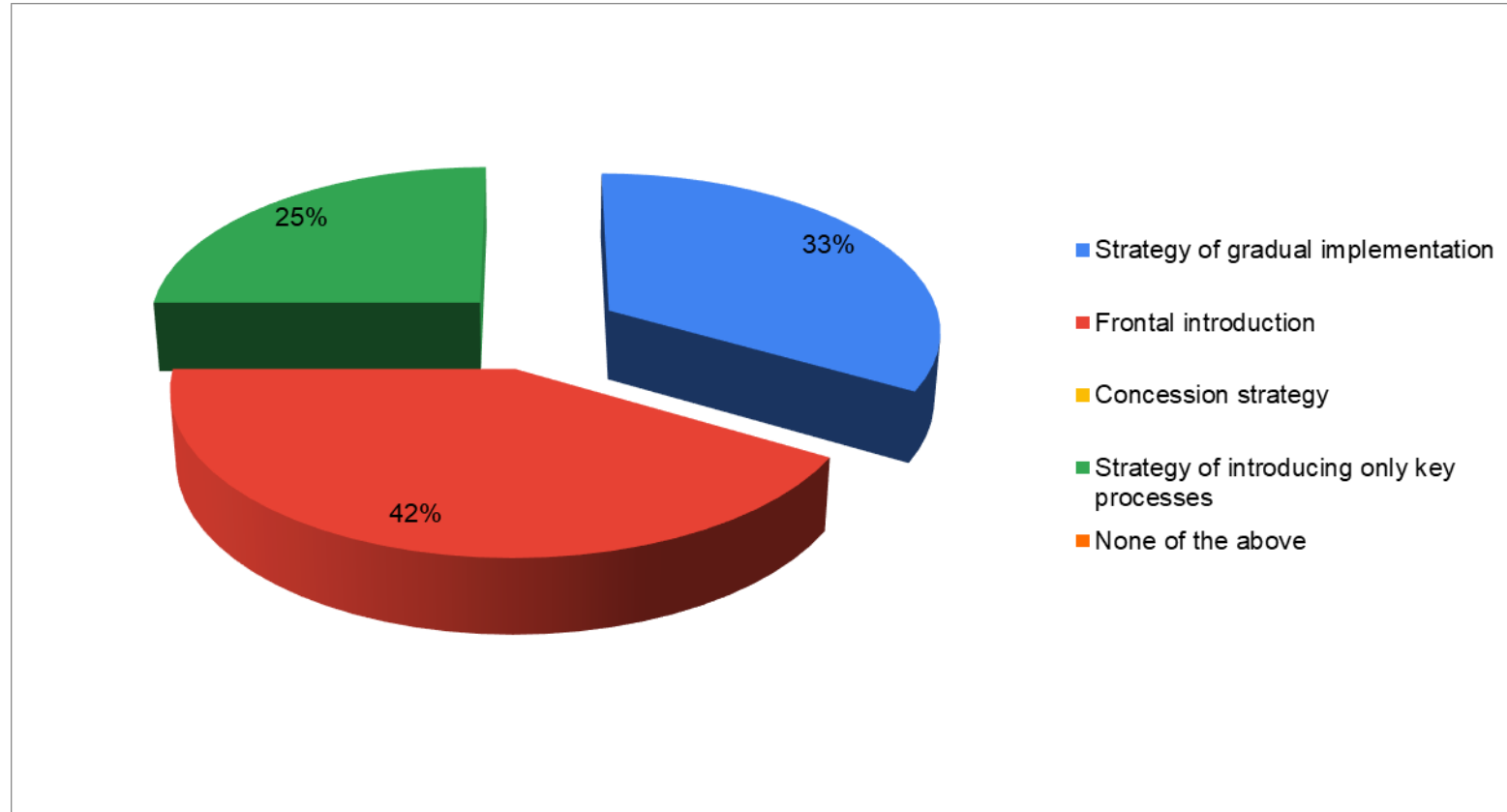


Figure 3. Strategy application during the introduction of EPR system

RESEARCH RESULTS

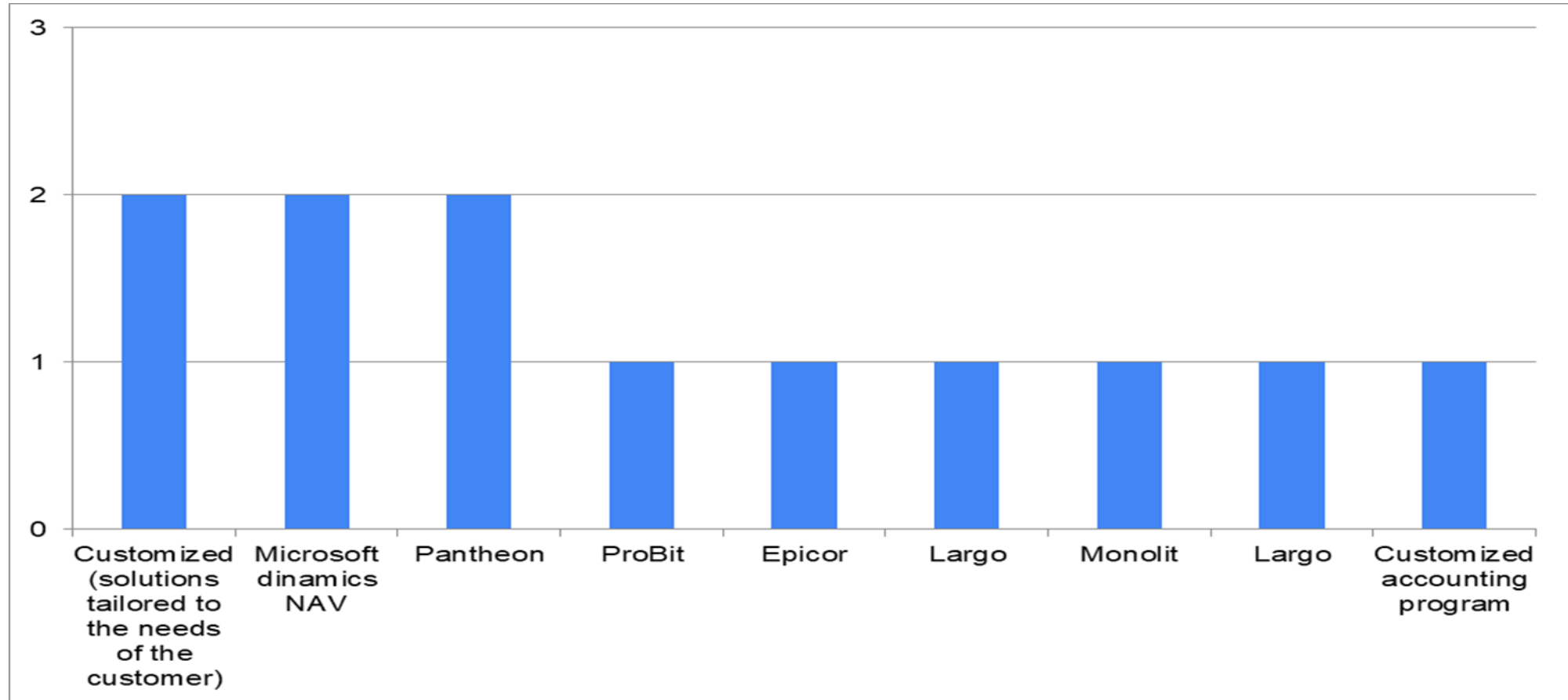


Figure 4. Types of software mainly used in the companies

CONCLUSION

- Based on the research results, it can be concluded that wood industry companies of the Republic of Serbia implement business information systems in their business due to the desire to increase the quality and productivity of various business processes, then make work easier for employees, increase employee productivity.
- Research results indicate that when choosing a business information system, the most important criterion is the possibility of later software upgrades, followed by the ability to adapt the software to the specific company requirements and support provided by the software supplier to the user during implementation.
- When introducing a business information system, wood industry companies in the Republic of Serbia usually decide for its frontal introduction into business, a strategy that implies abolishing the old system at once and introduces a business information system in the entire company.
- Results of the research show that in the wood industry companies of the Republic of Serbia, the most common solutions are customized software created at the request of the user.

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