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ROBOTIC PROCESS AUTOMATION – ASSUMPTIONS, IMPLEMENTATION AND BENEFITS FOR THE COMPANY

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Abstract:
Numerous IT systems are used to efficiently manage enterprises. These systems are located in various departments of the company, come from many manufacturers and have different interfaces. Due to its structure and tasks performed, often one software doesn't have the possibility to exchange data with another one. It is possible to find a bridge between various software – eg in the form of exported and then imported files with appropriate data. But even this isn't a significant improvement – it doesn't solve all potential problems. Man's work is sometimes limited to moving selected data between systems, often in a routine manner.
Robotic Process Automation (RPA) is a new approach to streamlining processes in enterprises. It is important here to learn about the specifics of business processes in the enterprise, develop specific patterns of proceedings and transfer them to the appropriate software. To make the robotization of the process sense, the process should be used often. Robotics of processes should bring benefits, including in the area of increasing efficiency compared to human work.
More and more enterprises are using robotization processes in their operations – an increase in demand for employees educated in this area can be expected.
The aim of the article is to present the possibilities of implementing RPA software for the needs of automation of selected processes in the company and elimination of (unnecessary) human work. The assumptions related to process automation, implementation and potential benefits resulting from implementation will be shown.
An important element that determines the success of implementation is also well-educated staff – employees with theoretical knowledge and experience, among others in business process modeling and RPA software support.

Keywords: Robotic Process Automation, RPA, robotization, automation, business process, software, human work