Impact of ERP on Organizations: A Software Solution for Business Optimization and Productivity Gains

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Abstract: *This research explores how Enterprise Resource Planning (ERP) systems affect organizational performance, emphasizing the advantages they offer as well as the difficulties encountered during their implementation. Through an analysis of secondary sources, including published articles, books and journals, this study emphasizes the role of ERP systems in unifying different business functions—including finance, human resources, production, and logistics—within a single integrated software solution. The paper traces the evolution of ERP from basic information systems to sophisticated solutions that address complex management issues. The research demonstrates that ERP systems offer significant advantages, including reduced management costs, streamlined processes, scalability, and improved collaboration across departments. The study also points out several obstacles, including substantial implementation expenses, employee resistance to organizational changes, and the intricate nature of integrating the system across departments. The benefits of ERP systems—such as operational efficiency and better decision-making—ultimately outweigh the difficulties, positioning ERP as a vital tool for organizations seeking enhanced productivity and long-term growth. The findings underscore the importance of careful planning, training, and change management to maximize ERP effectiveness and optimize business outcomes*

Keywords: Enterprise Resource Planning (ERP), organizational productivity, business efficiency, enterprise software, digital transformation