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## ERP Software Selection Processes: A Case Study in the Metal Transformation Sector

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### ABSTRACT

When a firm decides to implement ERP softwares, the resulting consequences can pervade all levels, including organization, process, control and available information. Therefore, the first decision to be made is which ERP solution must be adopted from a wide range of offers and vendors. To this end, this paper describes a methodology based on multi-criteria factors that directly affects the process to help managers make this decision. This methodology has been applied to a medium-size company in the Spanish metal transformation sector which is interested in updating its IT capabilities in order to obtain greater control of and better information about business, thus achieving a competitive advantage. The paper proposes a decision matrix which takes into account all critical factors in ERP selection.

### KEYWORDS

ERP, Information Technologies, Metal Transformation Sector, Business Processes, Reengineering Processes

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