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# Enterprise information systems project implementation:: A case study of ERP in Rolls-Royce

Yahaya Yusuf<sup>a</sup> ... Mark S Abthorpe<sup>c</sup>

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### Abstract

Economic globalisation and internationalisation of operations are essential factors in integration of suppliers, partners and customers within and across national borders, the objective being to achieve integrated supply chains. In this effort, implementation of information technologies and systems such as enterprise resource planning (ERP) facilitate the desired level of integration. There are cases of successful and unsuccessful implementations. The principal reason for failure is often associated with poor management of the implementation process. This paper examines key dimensions of implementation of ERP system within a large manufacturing organisation and identifies core issues to confront in successful implementation of enterprise information system. A brief overview of the application of ERP system is also presented and in particular, ERP software package known as SAP R/3, which was the ERP software package selected by

Rolls-Royce plc. The paper takes an in-depth look at the issues behind the process of ERP implementation via a case study methodology. It focuses on business and technical as well as cultural issues at the heart of the Rolls-Royce implementation. The case study also looks at the implementation time scales and assesses the benefits from the project both tangible and intangible.



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## Keywords

ERP; Information systems; Implementation; Success factors; Rolls-Royce

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