

Re-Thinking IT in Construction & Engineering Organisational Readiness

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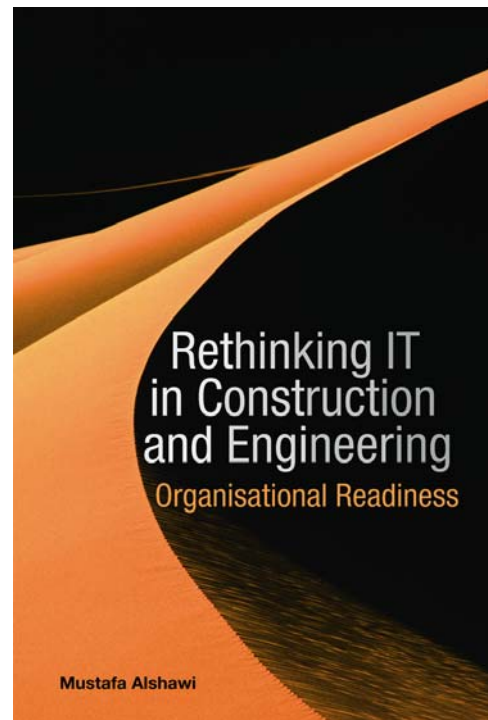
How could the potential of IT be realised to improve business performance in architecture, construction and engineering organisations?

How could organisations unleash the potential of IT to achieve a sustainable competitive advantage?

How to migrate from technology to IT-enabled business thinking?

Based on the author's 20 years research experience in this field, this book provides a holistic picture of the factors that enable architecture, construction and engineering organisations to explore the potential of IT to improve their businesses and achieve a sustainable competitive advantage. It raises awareness of the importance of the organisational "soft issues" and the role they play in influencing the outcome of IT investments. The book also addresses other complementary enablers such as knowledge management, learning organisations, maturity models and e-readiness measurements.

Real case studies are used throughout the book to illustrate various concepts and to provide the reader with a realistic and practical picture. *Rethinking IT in Construction & Engineering: Organisational Readiness* is aimed at lecturers and researchers in architecture, construction and engineering. It will also be relevant to professionals at managerial level in industry.



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Contents

PREFACE 1. Current Status of IS/IT Management & Applications 2. Organisational Elements for IS/IT Success 3. IS Success Measurement Approaches 4. Case Studies: Technology Vs Business Approach 5. Developing sustainable IS/IT capabilities: the learning organisation 6. Successful Implementation of Knowledge Management: A Holistic Approach 7. Alignment of Strategies and Building the IS/IT Capacity 8. Maturity of Organisations and Process Maturity Models 9. Organisational Readiness: Bridging the Gap 10. IS/IT Readiness Model
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