

# **Towards the Development of Successful Standardized Information Systems**

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## **Abstract:**

Many developing countries have realized the importance of introducing Information Technology (IT) in both the public as well as the private sectors. However, the high cost of IT, the failure stories of many information system implementations, and the lack of financial resources puts an extra burden on top-level management in developing countries which has to make risky decisions while accepting or rejecting IT projects.

Fortunately, the risk can be reduced dramatically by following well-designed and systematic procedures aiming on following international standards as well as implementation of quality measurements. Strategic and Technical Planning, Master Planning, Economic Efficiency Analysis, Software Quality Assurance, and the concept of Business Process Re-engineering are all issues that will be addressed in this paper and which can be combined together to produce a comprehensive methodology which guarantees the successful information system design and implementation.

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