

The comprehensive framework for RFID justification in healthcare

Abstract:

RFID technology has emerged popular information technology enabled in wide industry areas including healthcare industry. Justifying and decision making of RFID investment is crucial to rationalize and achieve successful implementation. Decision makers need a better framework to structure the complexity of RFID justification. This study proposes the comprehensive framework for RFID justification that had been tested and validated on 4 hospitals in Indonesian and Malaysian hospitals. It describes how 5 phases consisting of steps, techniques and tools of the framework can be used to justify RFID investment. A case study example is used throughout the study to explain how the framework works and how it is applied to justify RFID investment. Specifics and general validation had been used to validate the framework through multiple case studies.