

RADIO FREQUENCY IDENTIFICATION (RFID) IMPLEMENTATION LEADS TO EFFECTIVE INVENTORY MANAGEMENT

By

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Abstract

Radio Frequency Identification is the tool of change which has brought revolutionary change in the field of supply chain in order to tackle the inventory management issues. It may however be regarded as the device which has the essence of changing the dynamics in the arena of inventory management. Many industries are willing to adapt this technology for the sake of security, process automation and inventory visibility coupled with inventory accuracy and flow of information .World has witnessed the technological change, industries in general and supply chain in particular got handy with this revolutionary technology.

The end in view of this research is to study the role of Radio Frequency identification technology on inventory management in an organization which focuses on the FMCG industry of Pakistan. The research mainly focuses on five constructs of RFID +-which incorporate gender Inventory Visibility, Security, Process automation, Flow of information along with Inventory accuracy. The survey was based on 200 questionnaires which were distributed between Unilever Pakistan and Nestle Pakistan which are considered to the FMCG giants. Resultantly, significant impact was being observed.

Key words: RFID, Inventory management, Process automation, globalization, Security