



# RFID Applications, Implementation, and Business Case Analysis

with Predictions & Strategic Roadmap to 2014

## Overview

First published in 2007, this unique report is written by an independent expert in the field, Sanjay Chatterjee and updated to include the latest in RFID developments. The report evaluates RFID from an application, adoption, usage, and policy perspective. The report evaluates the current options and the future of RFID, analyzing the often overlooked challenges encountered during deployment and operation of RFID systems. It also provides economic analysis and ROI assessment for RFID deployment.

Finally, the report provides a strategic view of the anticipated evolution of RFID through 2014 from an application perspective. Combining financial analysis, fact sheets, device comparisons, estimation analysis and trend analysis, this report is a must for anyone with a vested interest in RFID now or considering an investment over the next three years.

## Target Audience

- RFID hardware, software, and solution vendors and related professional services companies
- Managed services providers, outsourced RFID solutions and application providers, and RFID service bureau operators
- Personnel responsible for automating Supply Chain Management (SCM), Customer Relationship Management (CRM), Manufacturing Resource Planning (MRP), Enterprise Resource Planning (ERP) and other business processes
- Healthcare management personnel responsible for tracking patients, staff personnel, equipment, inventory, and other critical resources
- Retailers and personnel responsible for merchandise inventory and ordering processes, Customer Relationship Management (CRM), Merchandise tracking and fraud prevention
- Providers of value-added applications and services such as metering, telemetry, telematics, and sensor applications, inventory control and tracking such as merchandise control, asset tracking and recovery such as computing equipment monitoring, tracking parts moving through a manufacturing process, tracking goods in a supply chain, and payment systems
- RFID Hardware Manufacturing companies
- Companies interested in optimizing their RFID business process strategies
- Venture Capitalist and Startup companies

## Key Questions Answered

- What is the strategic roadmap for the next three years
- What are the current and next generation applications
- What are the strategic implications of various mandates
- What are the government, homeland security, and law enforcement uses for RFID
- What is the importance of RFID in the pharmaceuticals industry
- How can RFID be used for a GPS-free tracking system
- What is the use of RFID in daily life and its challenges
- What has RFID been used for in Iraq and what were the challenges
- What is the economic analysis of RFID - how do you justify investment

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- Ekahau
- EPCglobal

## About Author



Sanjay Chatterjee is an expert in ZigBee and Active RFID systems. He has developed Tracking solutions, Message Communication systems, Sensor Networks for environment sensing using ZigBee. He has successfully developed a rapidly deployable, self configurable, self healing Tracking System with Active RFID along with the GUI, and a handheld based active RFID reader/writer using the ZigBee protocol and transceiver.

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