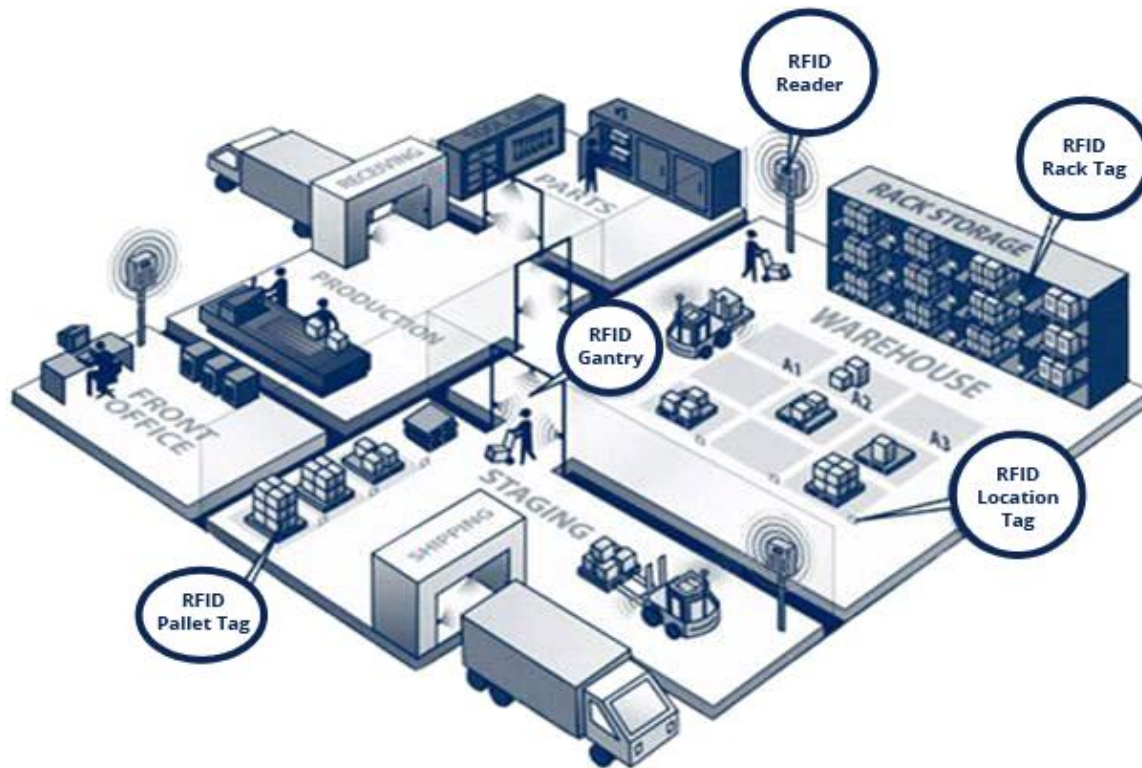


INVENTORY MANAGEMENT

The management of a warehouse is the main function of a warehouse management system. These systems keep record of the storage capacity.

Inventory Management System with RFID Stock Analysis

- In traditional bar-code systems, the unique item identification number is printed on an sticker and pasted on to the items.
- To read these stickers operator require line of sight it means he should hold device in a proper way. The data from the bar-code scanner is fed into the system which then processes the information to record the locational information of the items.
- In RFID based system, each item is fitted with a RFID tag. The RFID tag is basically an electronic radio transmitter comprising of a micro-chip and an antenna and a tiny battery, everything fabricated on a thin plastic sheet.
- It can be easily attached to a variety of items directly.



Work Of RFID based Inventory Management System

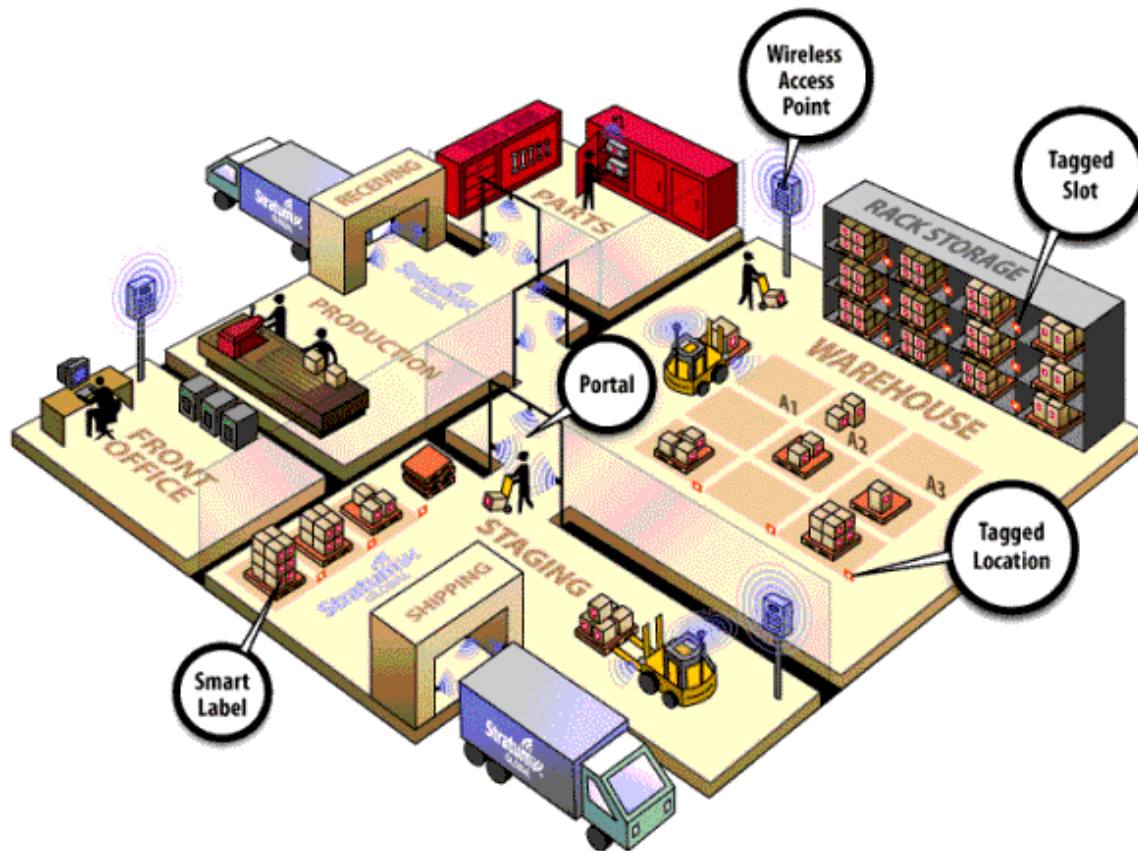
- Raw material supply chain: Each vendor has an electronic tag, with the tag (unique) settlement, transfer cargo, query and other applications.
- **Transportation:** the transport of goods in transit and vehicles affix electronic tags, RFID installation on a number of checkpoints on the transport lines receiving transfer device. Real-time tracking the status of goods.
- Inventory management according to the electronic tag on each package, the system automatically recognizes the necessary goods inventory area, the number of stocks, the amount and timing of storage and other information, coupled with the forklift inventory system to achieve automation management
- Retail using RFID systems in the checkout automatic scanning and billing, to replace the manual collection. RFID access control systems can reducing the rate of theft.

- Service With the RFID tag records information about product purchase to help consumers simplify formalities Returns.



Add Product

- Adding product is one of the primary functions to do where we will register whole information related to products like Product name, code, type, starting stock, price, discount, supplier name, Expiry date etc.



Billing Process

- Generating bill is a final step to do, where we will do all calculations related to invoice where we will calculate discount on products, tax on product.

