



# **RFID based Asset tracking and management system**



**Manvish eTech asset tracking solutions** provides the clients with the ability to manage and track assets in their organizations. In one central server, client can store all the lifecycle details of an asset, such as, purchasing, leasing & invoicing, warranty and maintenance, physical location status and digital images or documents. All these features give the customers the advantage of managing their organizations assets without losing/misplacing any of them.

In typical asset management systems, the sticker is stuck on the item and the respective data is entered manually into the computers, this gives room for tampering and wrong auditing. But in an RFID based asset tracking system, tampering is practically impossible, as the manual entry is reduced to a great extent.

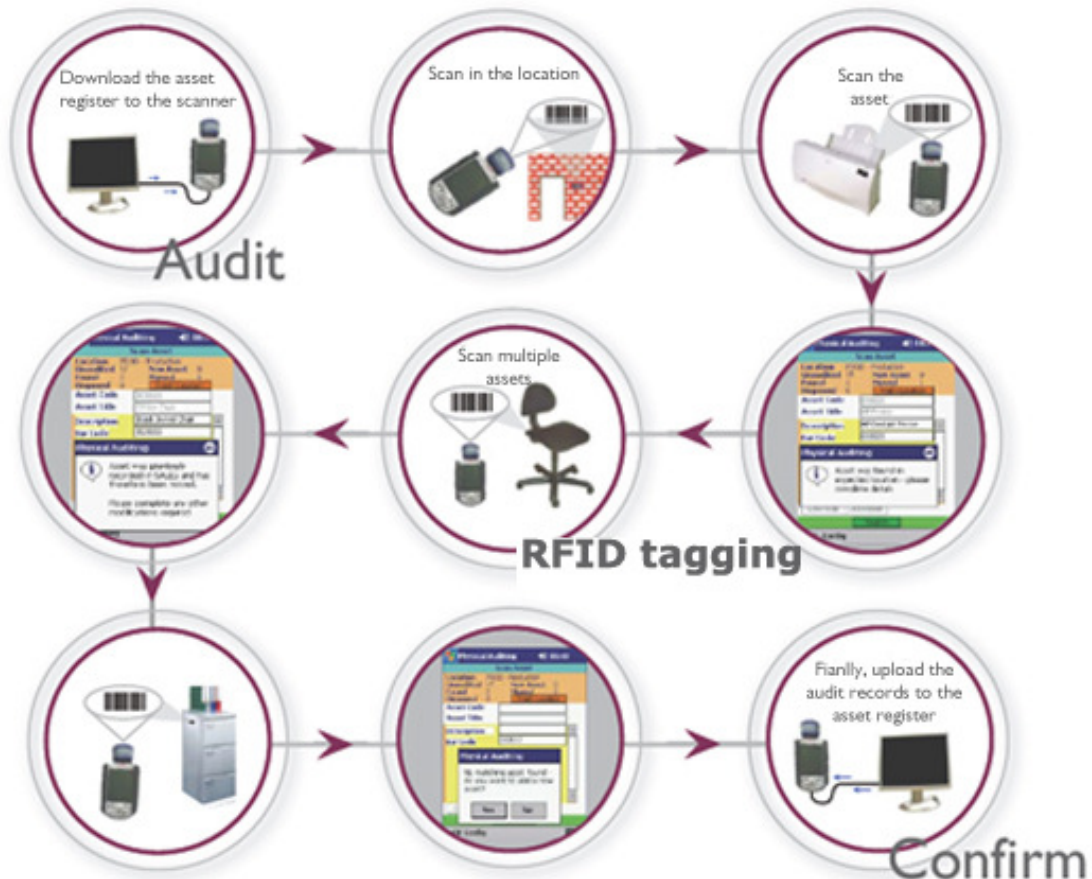
**Advantages:**

1. Better asset management, and what that means is if you can track the location of critical assets, then you can better utilize those assets
2. Simplified auditing of assets, no more cumbersome manual entry
3. Misplacing/Losing critical assets is minimized
4. Location of a particular asset can be identified easily.

**Applications:**

1. Cargo/shipping industries
2. Courier companies
3. Manufacturing plants
4. Jeweler stores
5. Library
6. Educational institutes
7. Laboratories
8. Defense establishments
9. Retail outlets
10. Pharmaceutical companies
11. Import/Export companies, shipping yards etc.

## Deployment scenario:



### **Audit:**

The stock inventories of all the existing assets are taken. A database of the entire asset is created

### **RFID tagging:**

The items are stuck with their respective RFID sticker.

### **Confirm:**

The RFID stickers on all the items are scanned and confirmed and the database is updated.