

## **Asset Management System**

### **What is Asset Management and System?**

Asset management is designed to help organizations manage their entire inventory of Technology and physical equipment across the lifecycle, from acquisition to disposal. Asset management incorporates leading-edge technologies such as Radio Frequency Identification (RFID) to increase the visibility of assets throughout their life. Managing equipment and intelligence in complex infrastructure environments demands a comprehensive and systematic method – the solid foundation on which Asset Management Solutions are built. An automated asset management system, possibly incorporating the capabilities of RFID, greatly increases the accuracy and efficiency of performing and managing inventory. Labor intensive aspects of managing inventory are removed and margin of error is significantly decreased. A centrally managed database, intuitive interface, and ability to integrate with any existing backend database provide the flexibility necessary to maximize the efficiency of asset management efforts. By using a technology such as RFID, organizations have a system to track assets as they move within and between facilities, as well as the freedom to take inventory with technology more robust than bar-coding.

### **Why Asset Tracking is required?**

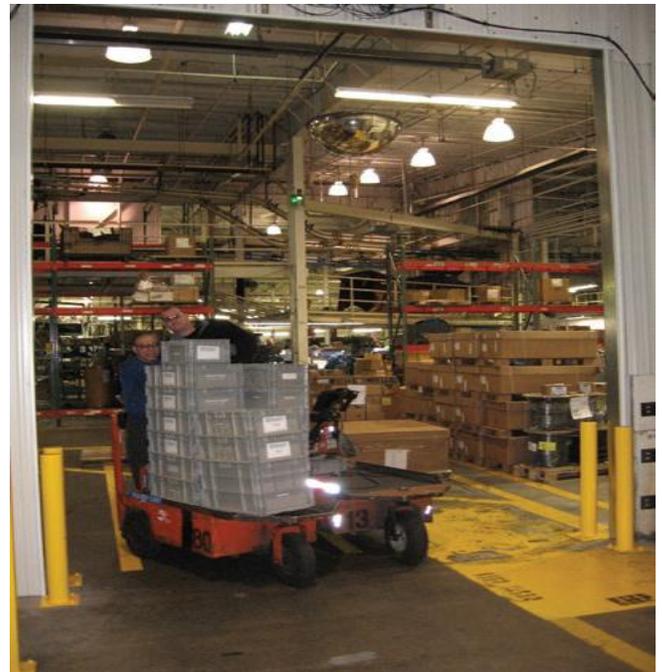
Today's asset management solutions have many features that go beyond the capabilities of legacy inventory systems. Along with accelerating current processes, an automated asset management solution has multiple reporting capabilities to assist organizations in complying with government financial reporting. Also included is automated event detection with alerting capabilities that help meet security and safety measures. What's more, an automated asset management solution organizes vital information about the assets so users are free to focus their efforts elsewhere.

Today's organizations face many obstacles when addressing the issue of asset management. From physical inventories to managing lists of assets and users, organizations often use out of date, cumbersome, and ineffective processes that make true visibility of assets nearly impossible. Some of the tools currently in use include spreadsheets, home grown databases written by a long-since departed employee, or even clipboards and paper. Clearly, these are inefficient, prone to error, and difficult to use. Even a state-of-the-art barcode-based system requires a user to lay hands and eyes on every single tagged asset in order to make an accurate accounting.

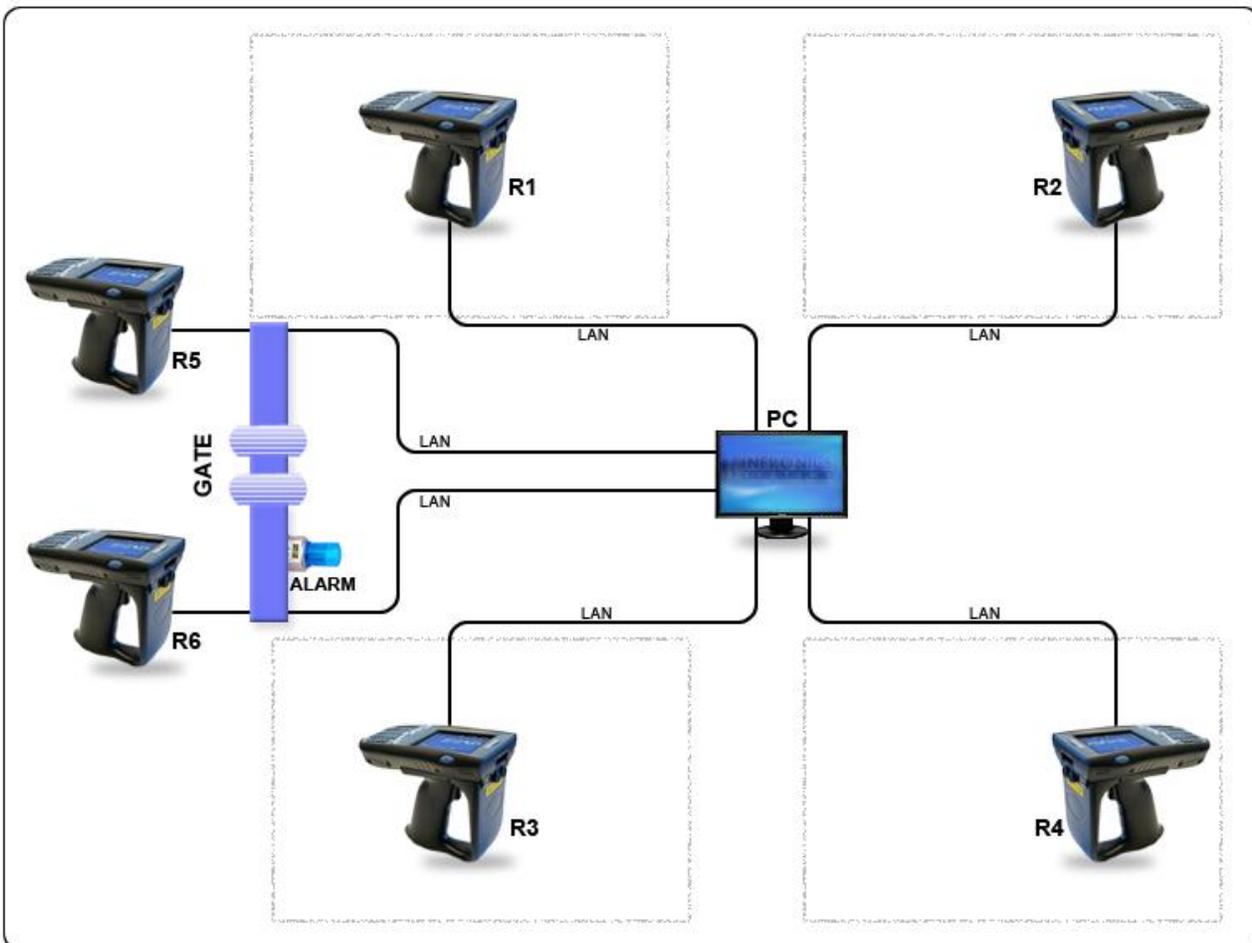
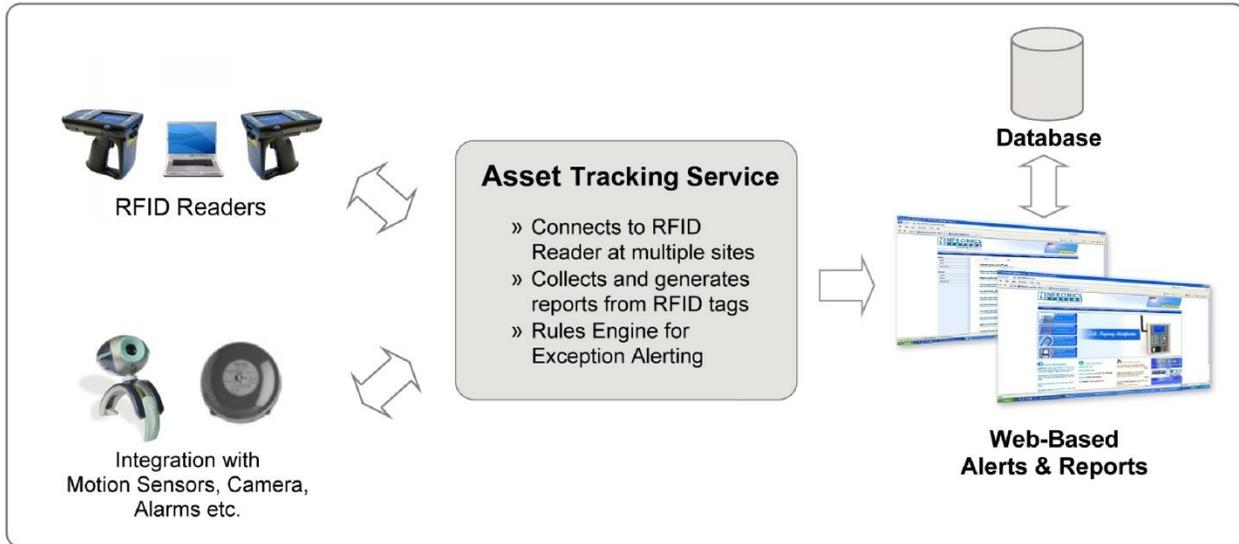
**Functional details:**

- Each asset will be embedded with an RFID tag and the asset details are entered into a database along with the unique tracking number.
- In the database, each asset will be assigned certain parameters like date of purchase, color of the item, permitted movement, etc.
- Each distribution channel will have a local RFID reader, which will record the details when an asset passes by, and include time/date of stamping thereby closely monitoring the movement of the assets.

Depending on the number of assets and branch offices, the amount to be invested for this solution varies. The tags include tamper and removal-protection as well.



**EAS security to provide Alerts**



### **Features of Asset Management System**

- **Time Stamped Logging, Graphical Dashboard and Reports:** Configurable dashboards and reports including map, graph and list views
- **Direction Sensing:** Distinguishes entry and exit events
- **Configurable Rule-Based Alerting:**
  - **Perimeter Alerts:** Alert when an asset goes outside its permitted "home" zone
  - **Delinquency Alert:** An alert is raised when an asset is not seen back within configured time
  - **Alert on Serial #:** Take action when a specific asset is seen
- **Asset Search:** Easily locate assets in browser view
- **Support for Device Integration:** Configurable for camera, alarm or sensor integration
- **Reader Heart Beat Monitoring:** Displays the current operational status of the readers

### **Benefits of Asset Management System**

- Real-time audit and traceability
- Improved manageability through a single unified asset registration system across multiple sites;
- Reduced workload on asset audit administrators, allowing redeployment to other business critical projects;
- Elimination of error prone due to manual audit processes;
- Improved security of high value assets and protection of Intellectual Property;
- Time intensive line of sight inspections are no longer required
- Decreasing lost and stolen supplies
- Reducing the time staff spends searching for inventory
- Optimizing the utilization of current inventory
- Improving inventory replenishment within your facility
- Identifying inventory to be ordered.