



Tracking Assets

For Event management

Introduction



by professionals with more than 15 year experience in the related business.

We are currently the Leading solution provider in Data Capture, RFID, Bar Coding, Mobile Computing, Industrial Automation and Wireless Networking.

Common Challenges Faced in the Industry



Challenges

The challenges faces by most of the companies are,

- Lost of Assets ,
- rental disputes,
- billing mistakes and
- manual errors.

A challenge to their operation, they also were a potential threat to customer relationships.

Common Challenges Faced in the Industry

Lost Assets.

it's common for at least one percent of companies owned assets to disappear from their customers' locations each year, either by accident or theft.

Consider a large event serviced by many different event management companies .It's easy for assets to get mixed up after an event.

. In the customers' eyes, all assets are same. But in the eyes of the company, every asset is an investment, not only of money but also in quality. It's important that they get their own assets back. The company is committed to quality and safety and their assets are cleaned and maintained properly. You can't make that assumption about assets from other companies so it's hard to guarantee their product if they were to use those owned by someone else.

Over View

The Company wanted a simple, easy-to-use solution that worked effectively and consistently and wouldn't disrupt their business.

Using rugged handheld scanners, smartphones or tablets to read barcodes or RFID tags attached to individual assets, **Neem-Track** collects asset data (such as physical location, condition and maintenance performed) at every touch point to provide timely, accurate information that is free of manual keying errors. The system's Validation Engine automatically and intelligently corrects mistakes such as missing scans, duplicate serial numbers.

It's usually during a customer audit when an asset is determined lost. **Neem-Track** quickly shows the assets that were never returned. We can be sure they haven't been returned because they would have been scanned when the incharge/driver picked them up. And if the incharge/driver forgot to scan them, other checkpoints in our **Neem-Track** system would have corrected that.

- Continued.

Over View

Neem-Track provides the Client with hard evidence to back up charges billed to customers, it's not about punishing the customer. Instead, its a system that creates accountability and fairness in system.

This process can save a large customer thousands of money per year. Moreover every customer would appreciate the accuracy that the company would be able to provide and that helps build trust.

Our Asset Management System Enables You to



Control of Assets - Tracking

- Minimized Asset Movement Related Manual Entries & Cycle Time.
- Ease in recording transfer of assets from one owner to another.
- Almost Real time asset tracking between

Asset Verification - Auditing

- Reduce the Audit cycle time.
- Accurate visibility of asset status during asset auditing.
- Audit report capabilities for optimum asset control.

Asset Administration - Managing

- Ease in registering assets to system.
- Easy way to structure composite asset and mark as a single asset.
- Workflow based approach to assist in asset tracking.

Required Hardware



Property of Neem Technologies L.L.C

Apple Mac Book Pro Laptop

Location : IT Room , Al karama



L01R04A001

Do Not Remove This Label



- **Optional:** A Thermal Printer to print a unique identification number to your assets, this also acts as a direct visual reference.

Assigning A Tag



- *Each of the asset is mounted with an RFID tag.*
- *A UHF RFID Tag is mounted on each existing and new assets that are brought in.*

Assigning A Tag

- A Hand Held RFID Reader is provided to assign the tag to the assets. The process is defined below:
- The asset database is passed on the Hand Held RFID Device through the system, the device will have the following information stored in it
 - Asset ID:
 - Asset Name:
 - Owner of the Asset: (Dept.)
 - Asset Location:
- The user reads a tag, then selects the relevant asset in the hand held device and then assigns the tag to the asset.
- The system assigns that particular RFID Tag to the selected Asset.
- The assets would also be classified as



Location Category	Type Category
Indoor Asset	Electronic
Outdoor Asset	Furniture

Asset Information

Our Asset Database would have the following records at any given time:

- Purchase Information
- Warranty Information
- Supplier Information
- Service Contractor Information
- Service Contract History
- Repairs History
- Refurbishments History.
- The RFID Tag history (no of tags that were assigned to it prior.)
- List of assets under a particular owner / division.



Tracking Asset at the Dispatch Truck

- Each driver is provide a Hand Held Reader. The driver would login in details and the Truck information associated with that Driver is uploaded automatically. To change the truck information associated with that driver an admin approval is required.
- The driver would scan the assets that are loaded on to his truck. The system records the date and time stamp for these dispatches.
- The reader works both in real time (using 2G / 3G when out of the facility, using Wi-Fi when the truck is within the facility) where the scanned data would be synced to the server every 15 minutes.



Tracking Delivery



- The dispatch client information is available at in the Hand Held Terminal Carried by the incharge/driver.
- The incharge/driver selects the client's name and location details and scans all the assets that are delivered at that location.
- The device sends this information to the server.

- ***WHILE RETURNING THE ASSETS ,SAME PROCEDURES SHOULD BE FOLLOWED***
- ***SYSTEM WILL ALERT YOU INCASE IF ANY ERROR OR MISMATCHING FOUND***

Transfer

- There will be a module to **transfer the asset** from one place to another.
- There will also be a module to **transfer the asset to a particular department.**
- There will be a module to mark **the assets dispatched for maintenance.**





- *Easy auditing by simultaneous Scanning of all asset at one trigger.*
- *Less time consuming*
- *More accurate.*



A software application would be developed

- For The PC

Which would be the server and also the system where you could view reports. The system would be web based, hence the reports could be accessible from any terminal in the network.

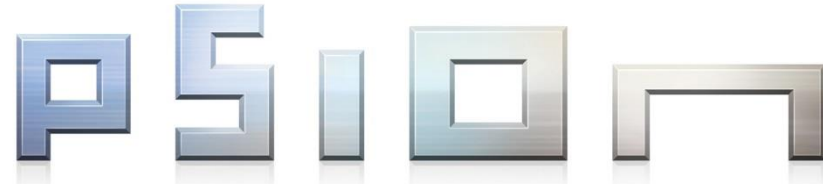
- For Hand Held RFID Device.

For performing various functions on the hand held devices

- The system would have multi level access system. User Groups could also be created.



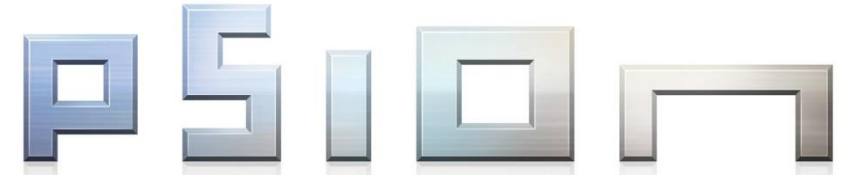
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**Hand Held
Terminals –
Barcode / RFID**

**Wireless, RFID
- Fixed Readers
& Antennas**



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SIEMENS
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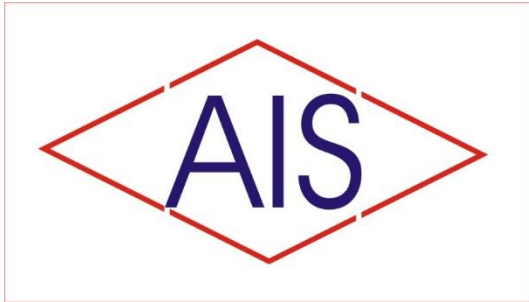


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