



Fixed Asset Management using RFID Technology



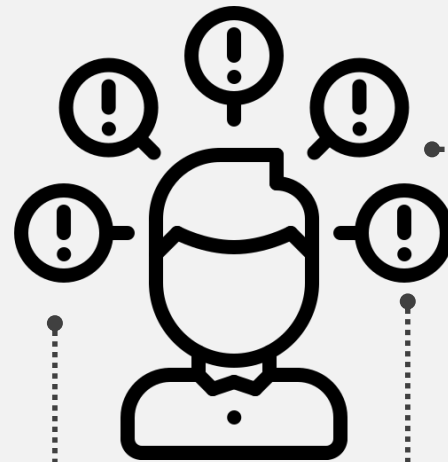
Problems in managing Fixed Assets

Versatility in Fixed Assets domains

Fixed assets are particularly important to capital intensive industries, such as manufacturing, Healthcare, Hospitality, Infrastructure etc. that require large investments in Plant & Machinery.

Multiple branches within Orgs

Tracking, managing and auditing of fixed assets can be a very tedious task, when the organizations fixed assets are spread across different branches & locations.



Depreciation & Reconciliation

Asset wise Depreciation calculation and Fixed Asset Register maintenance for internal and statutory purposes is one of the biggest compliance challenges for companies. This is especially true if the organizations are to adhere to multiple compliance requirements.

Fixed asset problem within Orgs

Organizations also need to keep track of asset availability, usage, condition and maintenance for efficient utilization of their fixed assets. Any errors in recording, maintaining and reconciling fixed assets can lead to inaccurate evaluation of a business consequently affecting owners, investors, lenders, and agencies.

Working of RFID system



- Collate list of assets
- Select the RFID tag appropriate for your asset.

- Record its ID in the software.

- Take inventory with RFID Scanner.
- The Application updates the database with the last seen date/time

- An Inventory Report tells you which items were not updated on the latest inventory so you can decide if they are missing or just overlooked.

- Locating a specific item
- Select the item in the Application that you are searching for.
- The reader will beep to narrow down the search.

Current practice

Maintain a register
for all assets

Create asset list

Search each
asset manually

Asset Available



Maintain a system
file for all assets

Create
asset list

Scan Barcode
on each asset
manually

Asset
Available



Manual Barcode

Advantages of RFID

Fast and time saving

Whether annually, semi-annually, monthly or weekly, using technology can speed audit time allowing data center staff to focus on higher-priority tasks.

Los not required

A Line of Sight is generally not required for an RFID Reader to read a tag unlike a Barcode.

Duplicacy is not possible

Whether annually, semi-annually, monthly or weekly, using technology can speed audit time allowing data center staff to focus on higher-priority tasks.



Applicable in

Inventory, Searching , Asset Management, Identification

Efficient

RFID tags can be read at a faster rate than barcodes; as approximately 40 RFID tags can be read at the same time. Also, it can be run with minimal human participation.

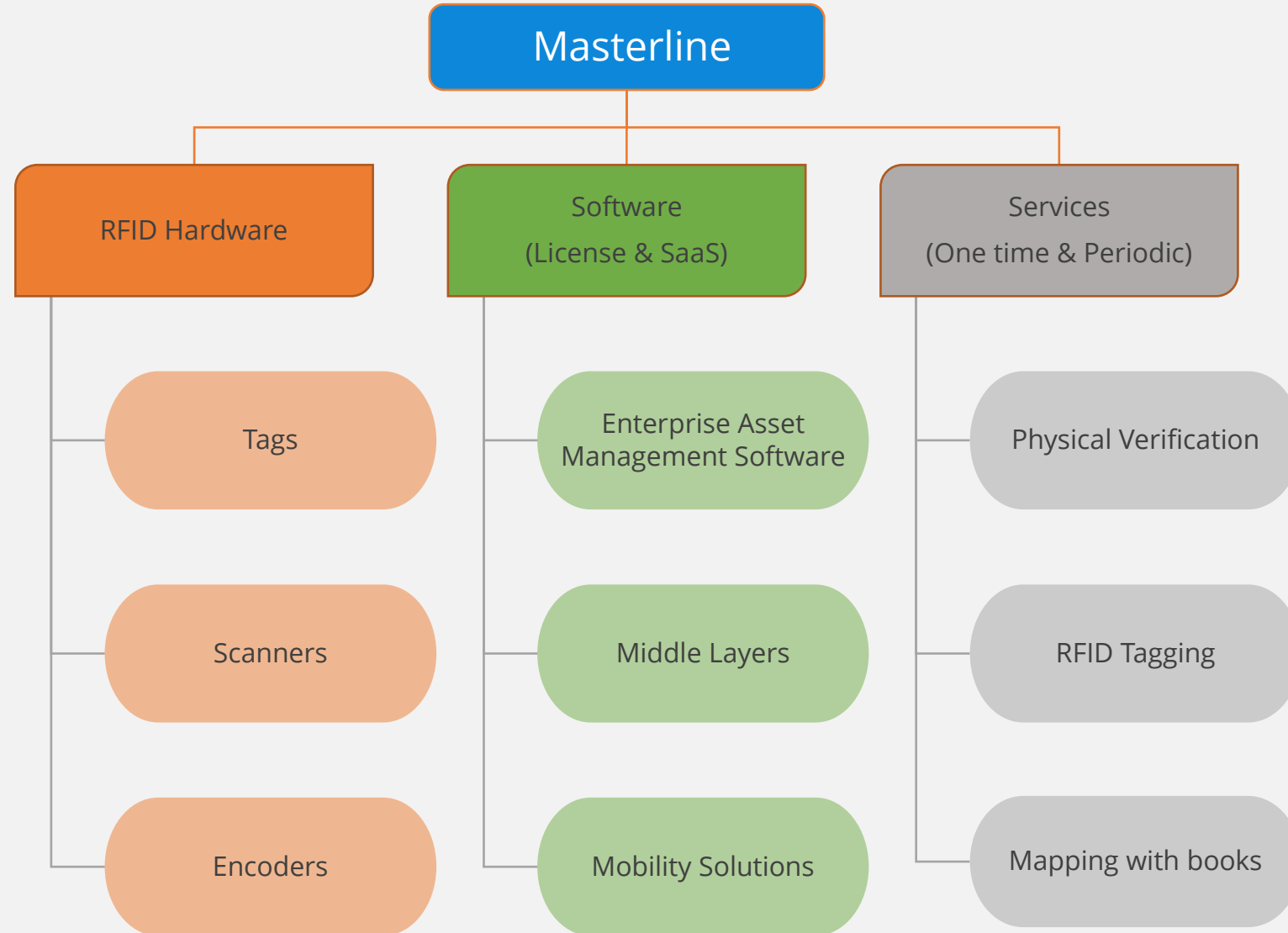
Secure

RFID contain high levels of security; data can be encrypted, password protected or set to include a 'kill' feature to remove data permanently.

Error free

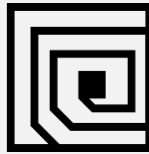
Using a Tag and Reader is a simpler, more accurate method of conducting audits and maintaining inventory. It reduces human error by removing the number of steps involved in cataloging assets.

RFID Asset Management



Features

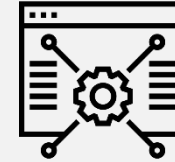
Tagging of Assets
With RFID tags



Data Acquisition
for Fixed assets



Data mapping of
asset particulars to
a unique tag id



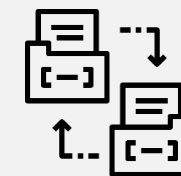
Optional Geo-tagging
Of all assets



Customized
Report Generation



Real time
Data Transfer



Auditing Function



Key hardware components

RFID Tags



Strip tag for semi-conductor
Metal Tag for metallic assets

RFID Handheld readers



Asset Tracking
Inventory Tracking

RFID Usb reader



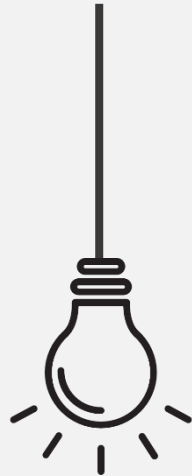
Encoder
Reader/Writer

Components of asset management software



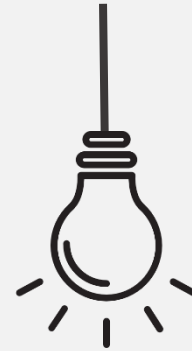
Asset Lifecycle Management

- Asset Management
- User and location Assignment
- Asset Componentization
- Activity through Audit Trail
- Asset Split
- Asset Movement (Transfer In/out)
- Document Management
- Closing balances and revaluation
- Additional User Attributes/Fields



Asset Tracking & Reconciliation

- Unique ID auto-tagged to Barcodes/QR Codes
- Printing Barcodes/QR Codes
- Creating easy Audit plans
- Physical Verification using Mobile
- App scanner or Manual Verification
- Audit Review
- Reconciliation



Statutory Compliances

- Income Tax Act and New Companies Act 2013
- Generation of All statutory reports such as FAR, FAT etc.
- Custom Books definition for IFRS and other compliances
- Multiple Financial Year
- Additional Depreciation
- Asset Revaluation



Capital Work In-Program (CWIP)

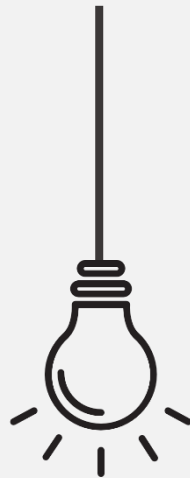
- Multiple project creations
- Full/Partial project capitalization
- Add Assets/Material/People/Other costs for each project
- Transfer Projects/People/Other costs
- Import CWIP projects/Asset/Material etc.

Components of asset management software



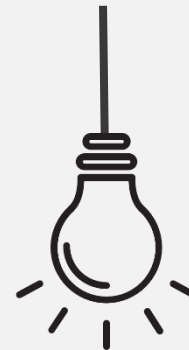
Workflows

- Configurable Workflows for effective Asset Management
- Audit Trail for recording all activity history
- Marker-Checker Functionality



Asset Administration

- Expiry Tracker (Warranty, Lease, Insurance and Maintenance)
- Auto-Alert through email



Consumable

- Stock Maintenance
- Store Management
- Internal stock Transfer
- Indent Request
- Physical Verification



Service Maintenance

- Service Contract definitions as AMC, CMC, Internal Maintenance
- Service Tickets and Work Orders for Breakdown and Preventive Maintenance
- Service Ticket assignment
- Multi Stage tracking of work orders
- Maintenance Cost, Calibration, Asset Replacement history
- Spare parts consumption tracking

Reports



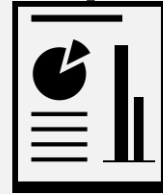
Fixed Asset
Tracking
Reports



Depreciation
Reports



Physical
Verification
Reports



Transfer &
Disposal
Reports



Capital Work-
in-Progress
Reports



Consumables
Reports



Service
Maintenance
Reports



Administrative
Reports



Exceptions
Report

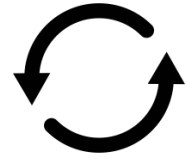
Mobile Application

Mobile App (Android)

- ✓ Barcode/QR Code based physical verification
- ✓ Online & Offline Physical verification
- ✓ Capture Asset Image & Geo-location during physical verification
- ✓ Seamless Data Sync
- ✓ Assets identification
- ✓ Add new assets
- ✓ Initiate Asset transfers
- ✓ Alerts & Notifications



Our Services



**Asset Lifecycle
Management**



**Asset Tracking
&
Reconciliation**



**Physical
verification**



**Asset
Administration**

Our Services Cont.



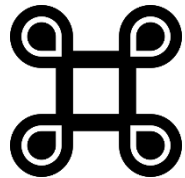
Asset Mapping



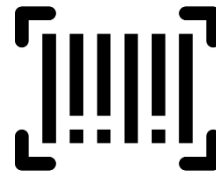
Creation/Review
of FAR



Identifying
complete ghost
assets



Asset
Reconciliation



Asset Coding



Tagging Of
Assets

Global Footprint



Digicel

سلام
Salaam



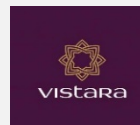
Jergens



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Telefonica





Thank You